

HOUSE & GARDEN

LIBRARY OF HAWAII

CIRCULATING

CIRCULATING



Garden Furnishing Number

© The CONDÉ NAST PUBLICATIONS, Inc.

1927

35 cts - 35¢ a year



now, as
always, "the easiest riding
car in the world" +



+ when the cool pungency of the
deep woods tells you the day's run is
near to an end, you climb the damp
back-road with a renewed appreciation

winded, its nose as cool as that breath from the starred
lake—its passengers fresh for the delights of sizzling
bacon and crisp trout, and the fragrance of blue wood
smoke + + Comprehensive selection of custom-
built and standard bodies, on the famous precision-made
Marmon 75 chassis, \$3195 and upward. Also, the little
Marmon 8, "America's first truly fine small car"—\$1795
and upward—prices f. o. b. factory + + + + +



of the very real riding ease and road-
ability of this Marmon 75 + behind
you are fleet, effortless, velvet miles—
and you have reached untired the quiet

of pine and birch and rushing trout stream + there
is no apprehension as to the road conditions of that last
lap into the woods. Mud, gravel, ruts, slippery ascent or
sharp ravine—they are unnoticed incidents to a Marmon
75. It takes them as serenely as it took boulevard and
paved highway. And arrives at the journey's end un-

on the road to Moosehead Lake, Maine—in a Marmon 75
custom-built touring speedster for four passengers

MARMON

+ + to Moosehead Lake, Maine,
from Boston; distance 295 miles;
average running time in a Mar-
mon 75, eight hours forty-five

Series 75

minutes. Leaving Copley Plaza, Boston, at 8 a. m., arrive in Poland
Springs for luncheon 11:45 a. m. Leave the Springs at 1 p. m.—
arrive at Greenville, Maine (on Moosehead) at 6 p. m. + +

CIRCULATING

TIFFANY & Co.

JEWELERS SILVERSMITHS STATIONERS

SILVERWARE

FIFTH AVENUE & 37TH STREET
NEW YORK

PARIS
25 RUE DE LA PAIX

LONDON, W1
25 MADDOX STREET

BAIN de CHAMPAGNE
Caron
PARIS

An exquisite Bath
 and toilet Preparation



ARABESQUE

WHEN a beautiful hand quickens into action . . . to welcome a guest, to light a cigarette, to add a skilful gesture to a conversation . . . then it is plain to see why women have loved so long to wear rings upon their fingers.

Here, an emerald moves in crescents of burning green. There, a star sapphire turns in a spiral of blue. A ruby traces curt arcs of color. A smoldering opal curves into the firelight with a burst of peacock blues and greens. A diamond laces the air with rainbows of colored light. . . . Wherever distinguished women gather, their rings weave brilliant patterns. And many of the handsomest of these rings are signed with the name of this firm.

For leading families realized long ago that Marcus & Company specialize

in the selection of precious stones. It is common knowledge among notable people that there may be seen here many of the most beautiful and valuable jewels to be found anywhere in the world. . . . Only the other day Mr. Chapin Marcus returned from Paris with a new and distinguished collection of jewels of unusual merit, together with an exceptionally interesting display of semi-precious stones, reasonably priced.

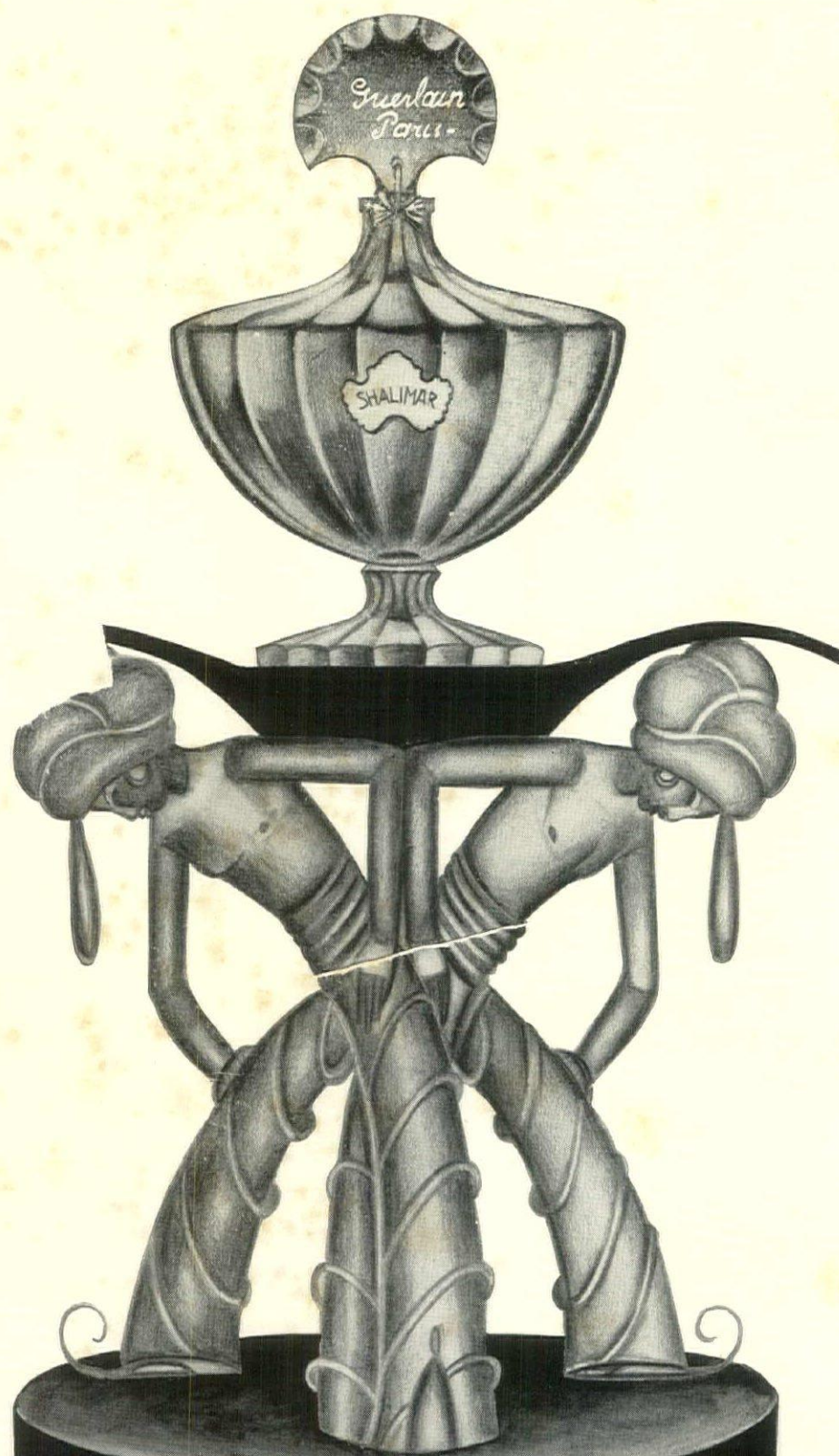
.

Marquise and emerald cut diamond rings from \$35,000 to \$1500. Emerald rings from \$20,000 to \$1000. Pearl rings from \$15,000 to \$750. Sapphire rings from \$10,000 to \$500. Black opals, star rubies and star sapphires, and many other gems in new and distinctive mountings, from \$5000 to \$500.

MARCUS & COMPANY

JEWELERS

At the corner of 5th Avenue and 45th Street, New York City,
and Palm Beach, Florida



SHALIMAR

LATEST

CREATION

GUERLAIN

NEW YORK 578 MADISON AVENUE ▼ 60 AVENUE DES CHAMPS ELYSEES PARIS

PLAIN - OR WITH THE RARE FRAGRANCE OF THE FAMED SHALIMAR

FIFTH AVENUE

B. Altman & Co.

NEW YORK



RESOURCEFUL DECORATION

Decoration means more than furniture. It means a co-ordination of all the things that make the complete interior—rugs, draperies, lamps and other decorative accessories. And women who appreciate the importance of correctness in all the appointments of the home are selecting their china and glassware and their household linens at the same time that they plan the general furnishing of their homes.

When we speak of "resourceful decoration" we mean that three floors in Altman's have been rearranged for this purpose. On the Seventh Floor there is a sequence of beautiful interiors showing Altman furniture in complete settings. The extensive galleries of Antiques are on the same floor, and also Treasure Trove, the shop of unusual gifts, and the Department of Interior Decoration.

On the Fifth Floor, Altman's well-known rugs and floor coverings and the extensive lamp department.

On the Fourth Floor, upholstery fabrics, garden furniture and a greatly enlarged china and glassware department, including the Crystal Room. Decorative and household linens are also on this floor, as well as blankets and comfortables.

With these resources, as well as those of the entire establishment, we announce

CASA ALTA

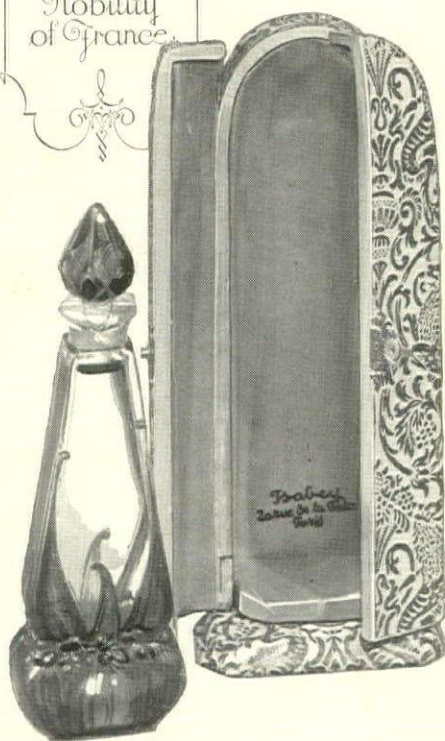
Organized for COMPLETE HOME FURNISHING

B. ALTMAN & Co.

New York



PARFUMS
ISABEY
Originally
created
for the
exclusive
use of
one of the
present
nobility
of France.



In this exquisite flacon and unique Arabesque coffret is the Isabey odeur: Lys.

PARFUMS
ISABEY
PARIS

Never has it happened before . . . that the use of the private *parfums* of the most illustrious family of Paris . . . one of the nobility of France . . . has been privileged to others. This privilege was granted at the insistence of the aristocracy of Paris that *parfums* of such inimitable exquisiteness . . . of such long-lasting *odeurs* . . . should not be withheld from those of similarly exacting tastes. It was granted first to the *intimes* of this famous family . . . then to its native France . . . and now to America . . . where PARFUMS ISABEY may be obtained at the smartest stores.

The Isabey odeurs, now the vogue in Paris, are: Bleu de Chine, Lys, Ambre de Carthage, Sourire Fleuri and Divertissement.



Modern Summer Furniture

THE Corner Shop at Macy's meets the ever increasing demand for furniture done in the modern manner, with a varied collection of distinctive small pieces. Chairs and tea tables, flower boxes and plant stands, book cases and cabinets — all refreshingly bright in color, and executed in the very spirit of the times. Their interesting shapes, amusing, unusual and intricate, will do much to create a smart atmosphere for the sunroom, porch or summer living room.



MACY'S

34th St. and Broadway, New York



A Charming Queensware Pattern

ONE of the most appealing patterns to be found in a Queensware table service is *Floral*, designed by the English artist, Mr. J. C. Goodwin. A delightful blending of bright colors enter into the decoration, which is applied under the glaze, and hence is permanent. The Queen shape, originally modelled a century and a half

ago, has been chosen for *Floral*, the rich cream ground and graceful forms of the pieces lending a perfect setting to the colorful decoration. *Floral* and many other beautiful patterns will be found in the stores in open stock; hence, one may purchase an entire service or, if preferred, start a set with any selection of pieces desired.

A copy of our illustrated historical booklet "C" will be sent upon receipt of four cents postage

Mark on China



WEDGWOOD

Josiah Wedgwood & Sons, Inc.

OF AMERICA

255 FIFTH AVENUE • NEW YORK

WHOLESALE ONLY

Potteries: Etruria, Stoke-on-Trent, England

Mark on
Jasper, Basalt,
Queen's Ware, Etc.
WEDGWOOD



Old Turning Lathe, Etruria Potteries



The rugged charm of XVII century America lives in these faithful reproductions from the studio of Wallace Nutting

Reproductions of Fine Old Designs

Find a Place in Summer Homes

True copies of furniture and accessories from the farmhouses of New England, the cottages of Old England, the provinces of France. Hooked rugs in picturesque patterns. Quaint pewter, colorful lamps, and patchwork quilts. Many things—large and small—that bring the charm of the informal, pleasant living of the Colonial countryside to modern summer homes.

DEPARTMENT OF

Antiques, Decoration and Reproductions

Seventh and



Eighth Floors

Lord & Taylor

FIFTH AVENUE • NEW YORK



Vose Louis XV

Magnificence during the sixteenth century in France, especially marked in the sumptuous elegance of palace and home furnishings, is most faithfully reflected in this beautiful and artistic Louis XV model of the Vose Piano. It will charmingly grace any home and appeal strongly to every cultivated taste. The true Vose tone, renowned throughout the world for its sweetness and permanence, is a feature of this beautiful Vose and no less distinctive than the artistic model itself.

We will gladly furnish floor pattern and full particulars regarding our convenient monthly payment terms. Vose Pianos are also made in other exquisite masterpieces in period and art models.

Vose & Sons Piano Co., 152 Boylston Street, Boston, Mass.



Italian Well Head and Base in Red Verona Marble, \$1,800. Iron tops of suitable design, imported or hand wrought in our own shops.

Garden Furniture Imported from Italy

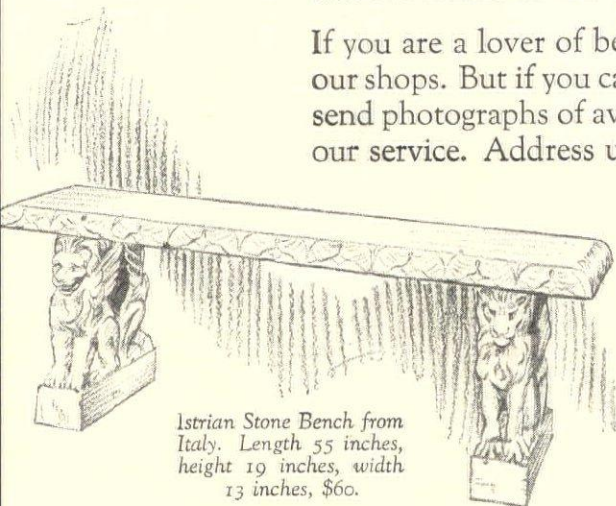


Istrian Stone Semicircular Seat from Italy, \$750.

A few pieces, properly chosen, add so much to a garden. Often a single seat, a column, or an urn, will make a difficult corner attractive and unusual. It imparts a touch of beauty available in no other way.

Our collection contains many rare and interesting pieces of marble and stone garden furniture, genuine antiques from old Italian Villas. They bring with them the atmosphere of romance of other days when Rome was the center of the world's culture.

If you are a lover of beautiful things, you will enjoy a visit to one of our shops. But if you cannot come, write us of your needs and we will send photographs of available pieces; also booklet telling the story of our service. Address us at New York, Dept. HG.



Istrian Stone Bench from Italy. Length 55 inches, height 19 inches, width 13 inches, \$60.

GENUINE ANTIQUE AND MODERN
MANTELS UP TO \$8,000
ANDIRONS UP TO \$800 A PAIR WITH
FIRESETS AND FIXTURES TO MATCH

WM. H. JACKSON COMPANY

2 WEST 47TH STREET
NEW YORK

318 N. MICHIGAN AVE.
CHICAGO

ESTABLISHED IN THE
YEAR 1827

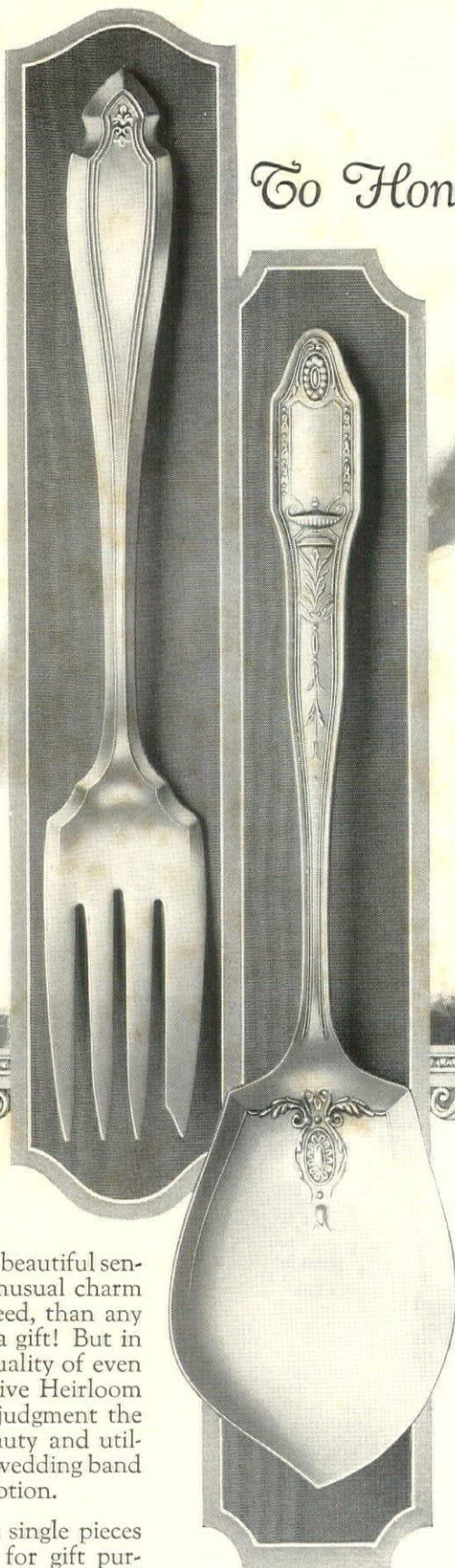
THE OLDEST HOUSE OF
ITS KIND IN AMERICA

To Love,

To Honor and
To Cherish



Cardinal Pattern Individual
Salad Fork. Set of six in lined
box, \$6.80.



Adelphi Pattern Jelly Server.
In gift box, \$1.75

SOME gifts have a way of expressing beautiful sentiment better than others. Their unusual charm and loveliness seem more eloquent, indeed, than any spoken word. HEIRLOOM PLATE is such a gift! But in its everlasting usefulness, it possesses a quality of even greater value. The bride to whom you give Heirloom Plate today will admire your taste and judgment the more with each passing year. For the beauty and utility of Heirloom Plate are as endless as the wedding band itself—symbol of unending love and devotion.

Give Heirloom Plate! You may buy it in single pieces or complete sets, all delightfully boxed for gift purposes. At your Jeweler's; or write us for prices and descriptive folders and name of the nearest dealer.

WM. A. ROGERS, LTD., NIAGARA FALLS, N. Y.

New York

Chicago

San Francisco

Toronto



Silvermaids are the ultimate in silverware cabinets. An attractive addition to the dining room. Obtainable in various sizes, holding from 160 to 234 pieces of Heirloom Plate—\$305 to \$389.

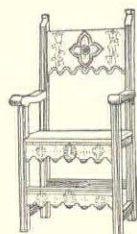
Heirloom Plate

From Generation to Generation

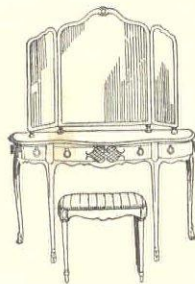




As if the Master Workers of Old Plied Their Craft for the House of Sloane



*Wood Seat Italian
armchair*



*Marquetry dressing
table and Bench of
the Louis XV period*

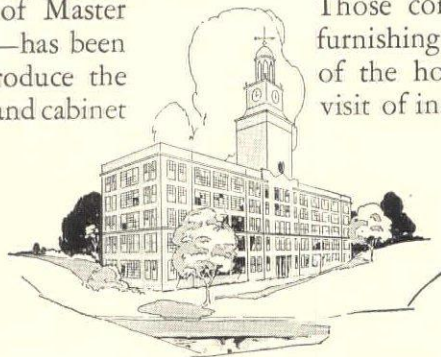
We have gathered together a group of craftsmen who know the secrets of the men who made furniture history. English furniture of practically every type; Spanish, Italian, French and American—all of these are faithfully reproduced from fine old pieces—pieces which are authentic antiques, every one of them.

This organization—known as the Company of Master Craftsmen, Inc.—has been organized to produce the finest furniture and cabinet

work. Their entire output is controlled by W. & J. Sloane. Thus we are able to offer authentic reproductions moderately priced.

Some of the originals from which we have made reproductions are on display at our Fifth Avenue store. Replicas of acknowledged masterpieces and other furniture designed especially for modern requirements are also shown.

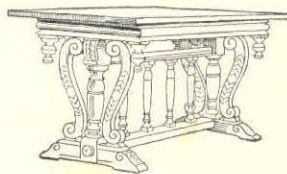
Those contemplating the furnishing and decorating of the home, will find a visit of inspection helpful.



*The Flushing Home of the Company of
Master Craftsmen of W. & J. Sloane*



*Walnut and Lacquer
Queen Anne cabinet*



*Walnut Library
Table of Spanish
origin*

W. & J. SLOANE
Fifth Avenue at 47th Street, New York
SAN FRANCISCO ... WASHINGTON

MODERNISM - with the fabric of the ancients

You can use

PEPPERELL PLAINCLOTH

*as the Frankl Galleries use it
for effective, inexpensive*

SCREENS, CUSHIONS, DRAPERIES

PROBABLY no new venture in the art of interiors has made more impression than the modernistic furniture and brilliant draperies conceived by the Frankl Galleries in New York.

Paul Frankl, the genius who creates this material, calls it "expressive of the modern scheme of life."

So for many of his most interesting objects, he uses the *decorative material of the ancients* — Pepperell Plaincloth, which the famous Pepperell Mills revived.

It is so inexpensive that you may use it lavishly; so adaptable that it works into everything from shoe-bags to formal screens, from candlewick bedspreads to hand-painted over-draperies, from slip-covers to modern "tapestries." It is so strong that it lasts indefinitely, and so warm in its tone that it complements any decorative needlework, fabric-paint, colored wool, or piping.

And best of all, Pepperell Plaincloth is ready for you in any length at most department stores.



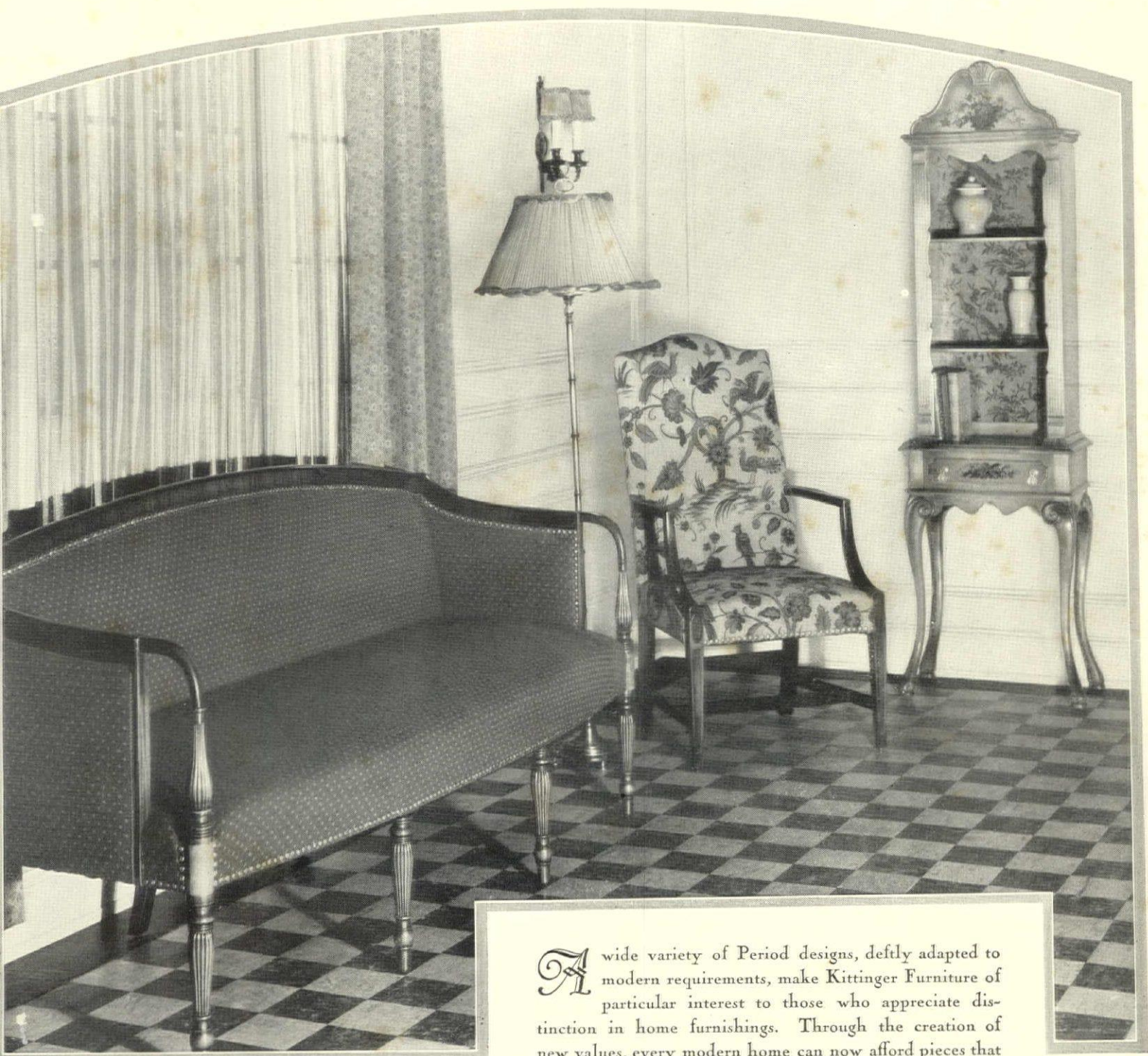
A BOOK-CORNER in the modern manner: here, beside his skyscraper bookcase, Paul Frankl places a deep, low, geometric chair. In the chair is a small down pillow, covered with Pepperell Unbleached Plaincloth, decorated in a bizarre scheme of singing pinks and greens and chrome (with a brush) and piped with a single color-line of tape.... The coolie-hat lampshade, again, is Plaincloth stretched, painted, varnished.... Behind the chair stands a stunning screen; about one dollar's worth of Plaincloth, stretched and tacked, then painted with a

million dollars' worth of good taste, to represent dusky Diana spearing halibut, amid the general foliage on the banks of the Hudson.... The draperies at the window are no more mysterious than Plaincloth again—dyed to sound the color-note of the study.

You'll want the descriptive portfolio in which famous decorators instruct you how to use Pepperell Plaincloth in countless interesting ways. Send 10 cents for it to PEPPERELL MANUFACTURING COMPANY, 43 Franklin Street, Boston.



PEPPERELL
UNBLEACHED
plaincloth



© 1927, Kittinger Company

Self = Expression!

A wide variety of Period designs, deftly adapted to modern requirements, make Kittinger Furniture of particular interest to those who appreciate distinction in home furnishings. Through the creation of new values, every modern home can now afford pieces that are authentic, individual, expressive.

A Sheraton sofa, the "Virginia," is delicately fashioned of Solid Mahogany and adds grace to a fine Colonial interior. An appropriate chair of Sheraton influence, upholstered in colorful crewel embroidery, groups well with a charming Georgian pier-case or cabinet, available either in Solid Maple or Walnut, brightened with hand decorations and a fascinating and colorful background between shelves.

The finest examples of Period craftsmanship are now offered at worth-while price savings due to the skill of Kittinger designing and efficient production.

Let us send you the booklet, "Living Room Furniture by Kittinger."

Kittinger Company ~ 1893 Elmwood Avenue, Buffalo, N. Y.

KITTINGER
Distinctive Furniture



What is the most talked-of thing among well-informed motorists today ?

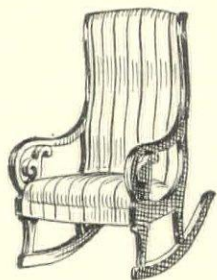
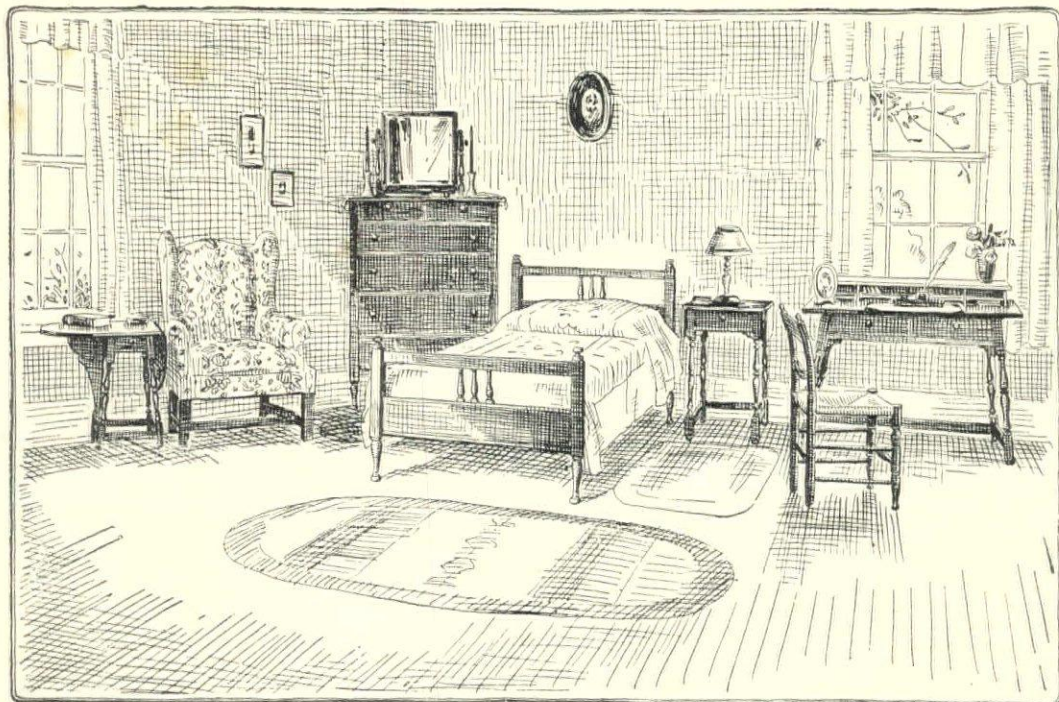


¶ That part of the public which is best informed and habitually most careful in its judgments, insists upon Relaxed Motoring and is therefore emphatic in its preference for the Stabilated car. ¶ Relaxed Motoring is now *built into* three of every five cars selling at \$2,000 or more. ¶ Other thousands of cars in *every* price-class are being Stabilated by car dealers in order to

meet the insistent demand for cars that will ride as people want them to ride. ¶ Your present car can be Stabilated for Relaxed Motoring in a few hours. See your car dealer or your local Stabilator dealer. ¶ The principle of Stabilation was created and is exclusively controlled by the John Warren Watson Company. This principle is found only in Watson Stabilators.

Scene at right shows Bedroom grouping of Stickley Early American Furniture. From left to right the pieces are as follows:

No. 5001 Butterfly Table
No. 5017 Chair
No. 3000 Chest of drawers with mirror
No. 3000 $\frac{1}{2}$ Bed
No. 3000 Night table
No. 3000 Rush seat chair
No. 3000 Desk

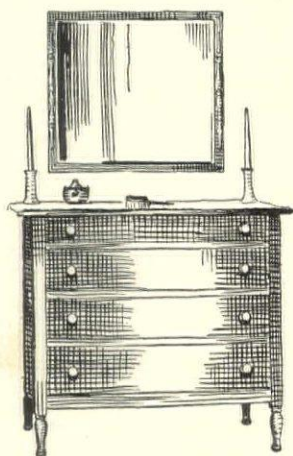


No. 5077 Rocker

Nothing Else Conforms So Well —



No. 3032 Wagon seat



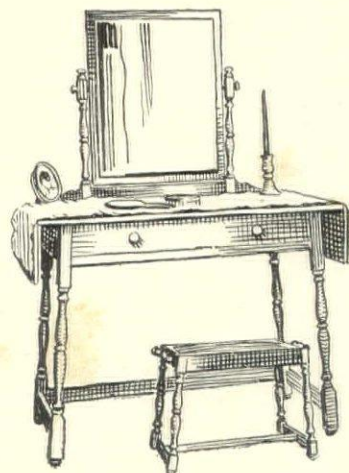
No. 3000 Bureau base
No. 3000 Hanging mirror

NEARLY all (85%) of the new homes and apartments are architecturally "Early American." Sooner or later you are almost sure to live in one of them. Therefore, whenever you buy furniture, buy Early American from an authentic source. Nothing else conforms so well.

Early American from Stickley's exactly duplicates the original collection pieces. Its beauty, strength, durability, comfort and historical correctness are unquestioned. It is of course made from the same *native* woods (maple or cherry or sometimes pine) which the early masters used exclusively. Ideal for homes, apartments, clubs, hotels, etc. For every purpose in every room.

Every piece of Stickley carries the Stickley-Fayetteville name burnt into some inconspicuous place—vitally important assurance of quality and authenticity. See the name before you buy. Nearest dealer's address and descriptive booklet mailed on request.

NOTE: Visitors are always welcome at the famous L. & J. G. Stickley collection and workshop, Fayetteville, N. Y.



No. 3000 Dressing table
No. 3000 Dressing table bench

Early American
BUILT BY
STICKLEY
OF FAYETTEVILLE, N.Y.

Presenting to brides *Sterling radiantly*

OH, GAY JUNE BRIDE, is it new beauty you are seeking?

Here—in the Seville, latest Towle Sterling pattern—is solid silver that is new and fresh as Tomorrow! Where have you met in silver a spoon like this Seville?

*In spirit and contours—
modern, American*

See those finely modeled shoulders—uniquely new in solid silver. Notice those softly rounded mouldings set off by striking long black lines. How daringly they bring out the sweeping beauty of the panel! How they lead your eyes to the graceful arching crest!

There is a spirit in the Seville that is new. For the first time the soaring strength and vigor that express our modern America have been translated into solid silver—and by the Towle designers!

In delicate ornament—Spanish

And, with that unerring artistry bequeathed them by their craft forebears since 1690, Towle designers have reflected in the Seville our modern hunger for a finesse such as romantic Spain seems to lend. See that *vargueño* (var-gwen-yo) ornament with its delicate interlacing filigree in charming low relief. Back through early Spanish-American colonies it traces its origin, to the finely wrought metal work of ancient Seville, treasure city of Spanish art and architecture!

Yes, if you seek a new beauty that interprets the modern spirit, if you would have silver that is exclusive and different yet of lasting loveliness—the Seville is your pattern.

But—there are so many brides, so many moods! What if you desire in your silver a beauty that grew out of Yesterday but is still of Today?

Then, too, the answer is—Towle Sterling!

TOWLE
Solid Silver Exclusively



Tea set (5 pieces).....\$400.00
Dish (for fruit salad, ice cream, etc.) 12 1/2 in. 60.00
Plate (for sandwiches, cakes, etc.) 10 in. 28.00

the exclusive Seville new as Tomorrow!

For the Towle Silversmiths, among all silver designers, have gleaned the best from the old and interpreted it anew with modern taste and feeling.

Simplicity of a Puritan day

Here in the La Fayette, for example, Towle has caught and expressed for you in a fresh and charming fashion, Early American simplicity at its purest. And in the Mary Chilton you find all the quaint reserve of Puritan days—with added grace of modeling to meet our modern preference.

Towle has given a lovely modern interpretation to the finest tradition in the Virginia Carvel with its bell-flower garland borrowed from a rare Colonial antique. In the Lady Constance with its curving silhouette, its fine detail. In the Lady Mary with its gentle English dignity.

A courtly grace that is French

And in the Louis XIV and d'Orleans—how perfectly has Towle adapted for to-day's American homes the courtly distinction of the finest French decorative periods!

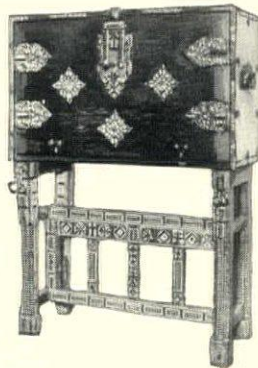
For you—FREE— The Book of Solid Silver

"What Sterling Silver Really Is," "How the Connoisseur Judges Solid Silver," "How to Select Your Own Set of Solid Silver,"—all these questions about solid silver and many more are answered in a charming little blue-and-ivory book we have made for you (price at retail \$1.00). It is yours without charge. Simply send us the coupon with your name and address, *and the name of your jeweler.*

THE TOWLE SILVERSMITHS,

Newburyport, Mass.

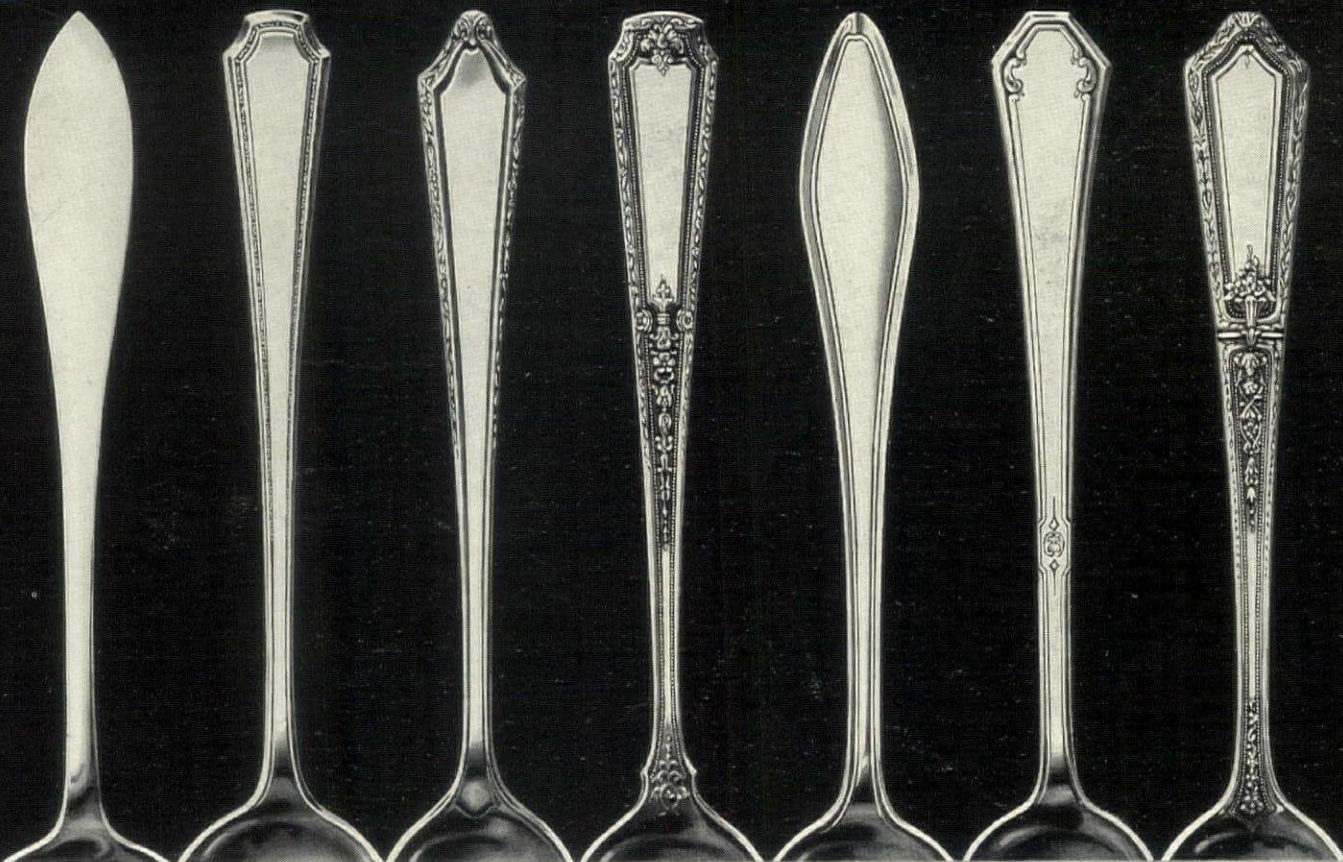
Member Sterling Silversmiths' Guild of America



Courtesy Francisca Reyes, New York

THE craftsman who made one of these rare old Spanish chests called *varguero* (var-gwen-yo) ornamented the plain paneling with wrought metal in picturesque, fanciful designs. Now Towle has taken a typical *varguero* ornament for the Seville pattern and raised it into a motif of delicate, exquisite beauty.

LADY CONSTANCE LOUIS XIV LADY MARY
LAFAYETTE VIRGINIA CARVEL MARY CHILTON D'ORLEANS



It is Sterling
~more can not be said

THE TOWLE SILVERSMITHS, Newburyport, Massachusetts
Please send me a copy of
The Book of Solid Silver

Name
Street
City and State
My jeweler is G-6



One of the EVERYDAY USES of MARBLE

Of Course, There Are Imitations, But—

IMITATIONS of marble—those manufactured products claimed to be “almost as good”—serve only to emphasize the matchless and incomparable standard of marble. All of them recognize marble as the ultimate.

Genuine marble is unmistakable—in its beauty, its gleaming depth of surface, its veining and coloring. It is alive . . . vibrant with vitality from Nature’s own laboratories. And its ultimate cost is no more than the average lifeless imitation.

A series of illustrated folders detailing the advantages of marble in both public buildings and the home are yours for the asking. Write to Department E-6 for the ones that interest you—no obligation, of course.

NATIONAL ASSOCIATION of MARBLE DEALERS
ROCKEFELLER BUILDING • CLEVELAND • OHIO

There is No Substitute for Marble



To the guardians of the family budget... *is one-third your fuel-money worth saving?*

Celotex can save it . . . and bring new home comfort all year 'round.

IT is always hard to make both ends meet . . . and buy all the things you want for your family.

Wouldn't it be a real help if you could cut your fuel-budget *by a third*? You can do it as thousands of others have, with Celotex in the walls and roof of your house. This modern building material keeps your furnace heat *inside*. It keeps your home safely snug and warm all winter long . . . free from dangerous draughts.

And in summer, Celotex shuts out

stifling heat. It means cool, refreshing rooms no matter what the thermometer says outside.

Celotex has made this new year 'round comfort, new fuel-economy and new health protection possible in *every* home.

Made in big, strong boards from one of the toughest fibres known, Celotex shuts out heat and cold *as it builds*. Unlike other insulating materials, Celotex *replaces* wood sheathing, lath, building paper and wallboards (see the illustration below). Thus, it is not an extra item to buy or install. Celotex costs little or nothing more than the materials it replaces.

Celotex means greater comfort and better health for you and all your family

. . . money saved that will buy more of the things that make life worth living . . . freedom from heating worry and less furnace drudgery.

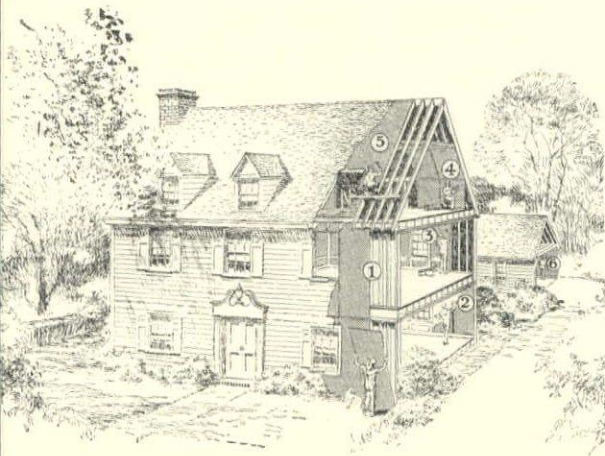
Ask your architect, contractor or lumber dealer about the use of Celotex in your home . . . new or old. Leaders in these lines advise its use. All lumber dealers can supply it.

And mail the coupon below for the *free* Celotex Building Book. Its 32 pages are filled with interesting pictures and facts that will mean more comfort in your home and more money in your pocket.

THE CELOTEX COMPANY, CHICAGO, ILL.
Mills: New Orleans, La.

Branch Sales Offices in many principal cities
(See telephone books for addresses)

Canadian Representatives: Alexander Murray & Co., Ltd.
Montreal, Toronto, Halifax, Winnipeg, Vancouver



How Celotex Is Used

Celotex should always be built in to both roof and walls. (1) As sheathing, Celotex replaces wood lumber and building paper . . . adds strength . . . costs no more. (2) Under plaster, replacing lath, Celotex builds stronger walls and ceilings . . . less apt to crack . . . free from lath marks. (3) and (4) Celotex is used as interior finish and attic lining either in its natural tan color or decorated (5) As roof sheathing, Celotex provides insulation where it is most needed. (6) As garage lining it helps protect the car against freezing.

CELOTEX

INSULATING LUMBER

THE CELOTEX COMPANY, Dept. M-206
645 N. Michigan Ave., Chicago, Ill.

Please send the Celotex Building Book

Name.....

Street.....

City..... State.....

H. & G.-6-27

Which of these showers will you install?

Below are shown three of the most popular types of Speakman Showers and bath fixtures. The description under each shower will tell you its features.

In addition, all have valves with renewable High Seats—in case they ever wear out years from now; swivel discs reduce the wear on washers. The washers themselves are encased as a further protection against wear. All threads are deeply cut and working parts are extra heavy. Castings are heavy and non-porous. Escutcheons and handles are fine china—proof against chipping, cracking and crazing.

These showers and fixtures can be had in either nickel or **SPEAKMAN CHROMIUM PLATE**. The latter is a new remarkable finish which has a silver-platinum lustre—is so hard that it will never wear off—is always bright and never tarnishes.

We shall be glad to send you folders and other literature describing and illustrating not only Speakman Showers and Bath Fixtures, but Speakman lavatory and sink fixtures as well.

SPEAKMAN COMPANY, Wilmington, Delaware



H-2355

Here the shower is controlled by separate valves. The Deshler Bath Fixture is also part of this combination. The shower alone is the H-1402. In combination with the bath fixture it is the H-2355.



H-2370

Combination of Speakman H-952½ Mixometer Shower and Deshler Bath Fixture. The Mixometer controls the shower's temperature and the Anyforce head its volume of force.



H-2352 X

Here one pair of valves is used for both shower and bath, there being a transfer valve between them for diverting the water from shower to bath fixture. The bath waste is the H-2490. This assemblage is furnished complete under the number of H-2352X. This combination requires no wall panel behind it. The other two do.

All Showers are furnished complete with curtains

SPEAKMAN SHOWERS and FIXTURES

"Safe to build in the wall"

“The House of a Thousand Surprises”

Beautiful in design and completely equipped, typical of the houses investment builders are constructing today.

Today, a happy discovery awaits the home buyer who is unfamiliar with the advanced type of houses constructed by investment builders.

Amazing progress has been made in this specialized field of building. The proof is available in every community. Houses of individuality, rich in architectural beauty and completely equipped to satisfy every demand of modern living are “For Sale” and ready to occupy.

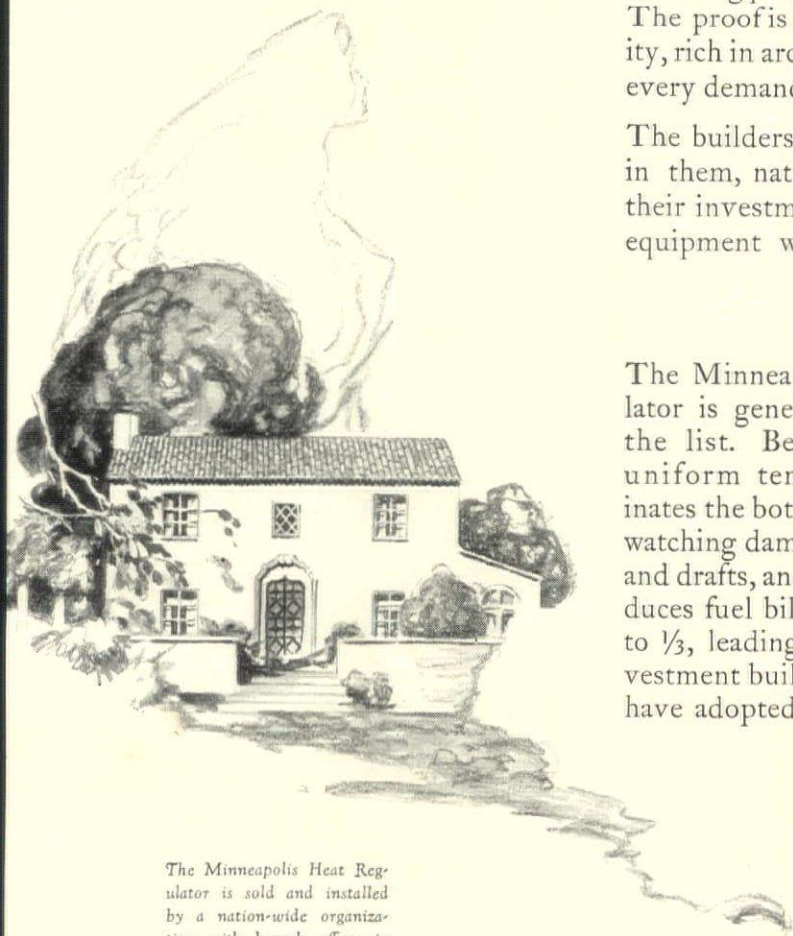
The builders of these houses, having their own money invested in them, naturally abide by the highest standards to protect their investment. Hence they include well-known, dependable equipment which is essential to the home-buyer’s satisfaction.

Standard Heating Equipment

The Minneapolis Heat Regulator is generally foremost on the list. Because it insures uniform temperature, eliminates the bother of watching dampers and drafts, and reduces fuel bills $\frac{1}{5}$ to $\frac{1}{3}$, leading investment builders have adopted the

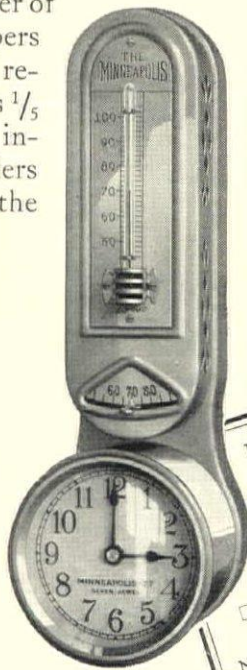
Minneapolis as standard equipment. Look for the Minneapolis in the homes you inspect. The builder who includes it, usually follows the highest standards throughout his houses.

Mail the coupon and we will gladly send you a free booklet on Minneapolis regulation.



The Minneapolis Heat Regulator is sold and installed by a nation-wide organization with branch offices in principal cities and experienced dealers in almost every community. Branch and distributing offices: New York, Chicago, Philadelphia, Boston, Detroit, Cleveland, St. Louis, Cincinnati, Milwaukee, Pittsburgh, Baltimore, Washington, D. C., Buffalo, Syracuse, St. Paul, Kansas City, Omaha, Denver, Portland, Seattle, Hartford. In Canada: Montreal, Toronto, Winnipeg, Calgary, Vancouver.

Model 77—8-day
7-Jewel Clock



Minneapolis Heat Regulator Co., Est. 1885.
2799 Fourth Ave., So., Minneapolis, Minn.

Please send me your free booklet, “The Proper Operation of the Home Heating Plant,” and full information on the subject of automatic heat control. I have checked the kind of fuel I am now using or have under consideration.

☐ Coal ☐ Oil ☐ Gas ☐ Coke ☐ District Steam

Name _____

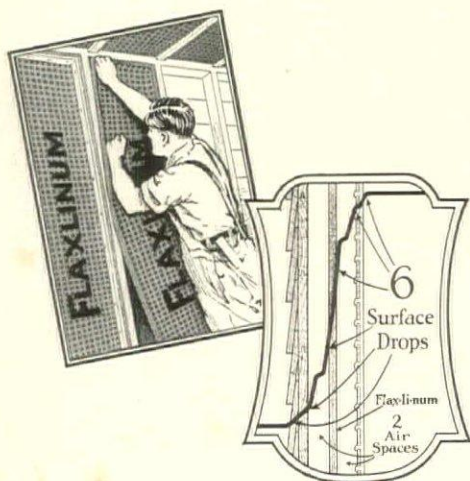
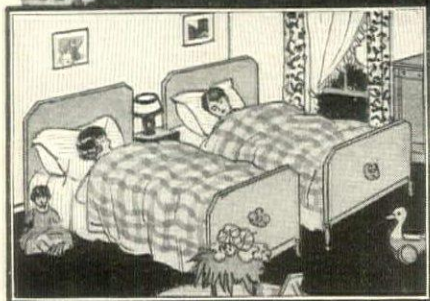
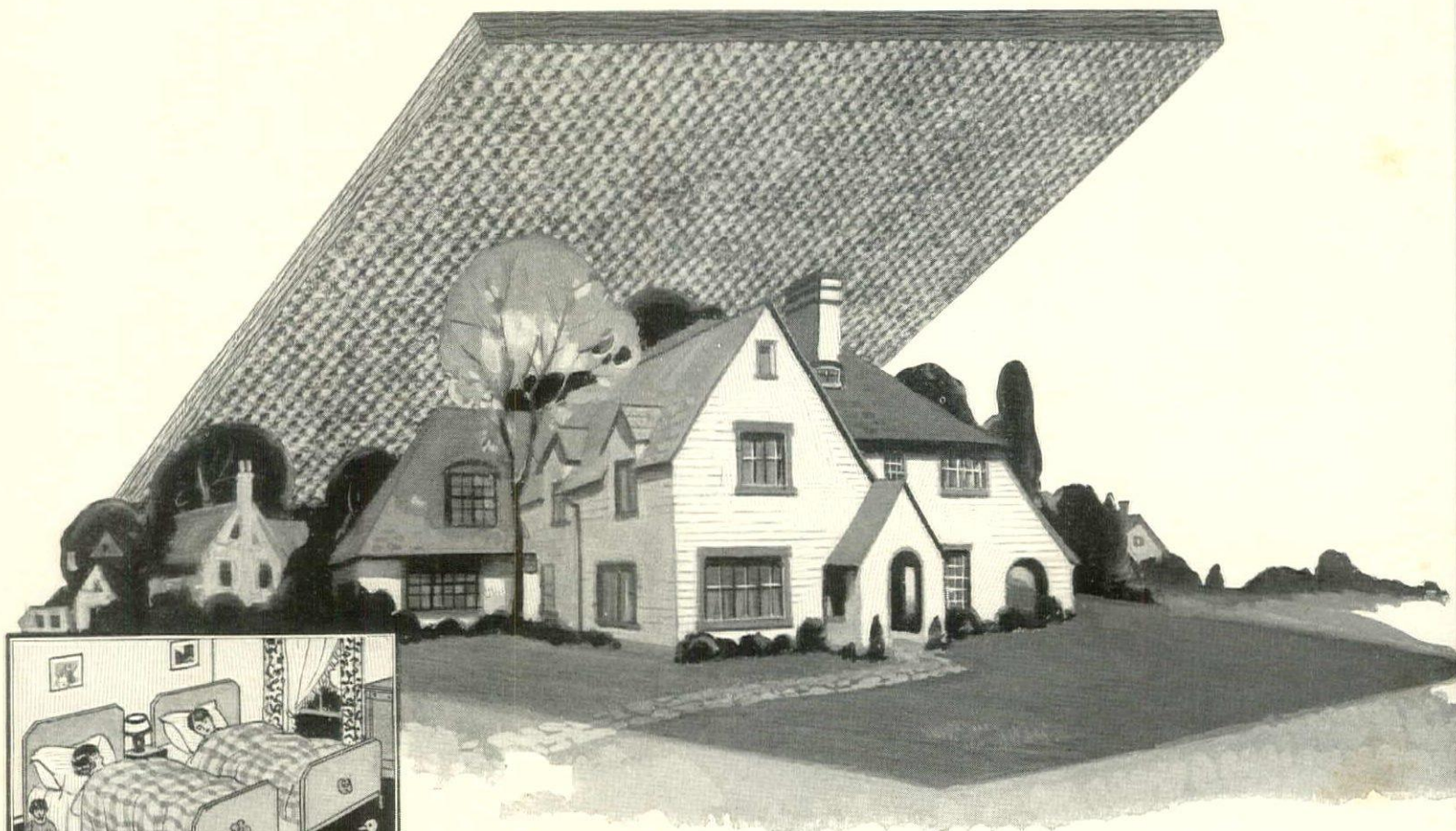
Address _____

City _____ State _____

The “MINNEAPOLIS”
HEAT REGULATOR
for COAL - GAS - OIL

Hot Days and Nights are Coming

*Make Your Home more comfortably Cool...
Shut Out the Heat with Flax-li-num*



Flax-li-num Excels as a Method and Material

Being half-way between inner and outer walls, FLAX-LI-NUM gives six surface resistances instead of four, and two air spaces instead of one. As every surface in a wall acts as a heat stop, the FLAX-LI-NUM "six-surface-drop" method is highest in efficiency.

FLAX-LI-NUM contains millions of tiny dead air cells in and between its fibres. Its excellence has been proved for nearly 17 years in all kinds of buildings and all kinds of climates. For years it has been the preferred material for refrigerator car insulation.

REMEMBER last summer—those hot days—and those nights when the upstairs rooms were so hot that rest was impossible? Why suffer with such discomfort when it is so easy to shut out the heat that pours through ordinary roofs and makes an oven of your home?

Correct construction provides a heat-stopping material that shuts out the heat in summer and keeps it in during the winter. This insulation is not expensive—in fact, it is a most profitable investment. It enables you to keep warm in

winter at one-third less cost for fuel. If you are about to build or buy a home, see that it is insulated in accordance with the standard FLAX-LI-NUM specification, which calls for ½-inch in the side walls and 1-inch in the ceiling. A full one-third saving in fuel can be secured in your home when this FLAX-LI-NUM specification is followed.

If your home is not insulated, 1-inch FLAX-LI-NUM can be installed in your roof or attic. Send for samples and complete information.

Flax-li-num Lasts as Long as the Building

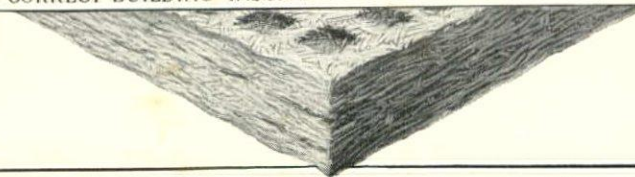
Flax fibre has to be raked from the fields because it will not rot. It is from this tough, long-lived material that FLAX-LI-NUM is made. The flax fibre is completely purified, then made into semi-rigid sheets. No binder is used, hence there can be no deterioration. FLAX-LI-NUM will stay in place, in

perfect condition, so long as the building stands. Coming in semi-rigid sheets, FLAX-LI-NUM is easy to handle and install. It never cracks, warps or buckles. Fifteen or twenty years after it is installed, FLAX-LI-NUM is just as efficient as the day the house was completed.

FLAX-LI-NUM INSULATING COMPANY, St. Paul, Minnesota

Flax-li-num

THE CORRECT BUILDING INSULATION AND SOUND CONTROL MATERIAL





The Pierce-Eastwood Radiator is Found in Homes of Beauty, Comfort and Charm—because It Belongs There

1. Suitable for the window seat, the narrow passage or the largest room. • 2. Generous in size. No heating value sacrificed. • 3. Occupies the same space as the old style radiator. 4. Costs no more than the old style. • 5. Easy to clean because of ample clearance between sections. • • • • • Pierce Heating Boilers are worthy servants for Pierce-Eastwood Radiators. • Consult your architect or heating contractor.

PIERCE • BUTLER & PIERCE • MANUFACTURING CORPORATION
41 EAST 42ND STREET • NEW YORK • BRANCHES AND DISTRIBUTORS IN PRINCIPAL CITIES

ON REQUEST—A HELPFUL BOOKLET, ILLUSTRATED IN COLOR—"FROM COZY NOOKS TO SPACIOUS ROOMS—A HOUSE OF CHARM"

PIERCE-EASTWOOD RADIATORS



IN THE FINE CAR FIELD THE TREND IS
 UNDOUBTEDLY TOWARD EIGHTS

There is nothing in motoring to surpass the luxury and ease of the straight eight. And among straight eights there is nothing to equal Hupmobile distinction and performance save one very costly European car. Custom bodies by Dietrich, created and built exclusively for this magnificent chassis, are available.

~:~

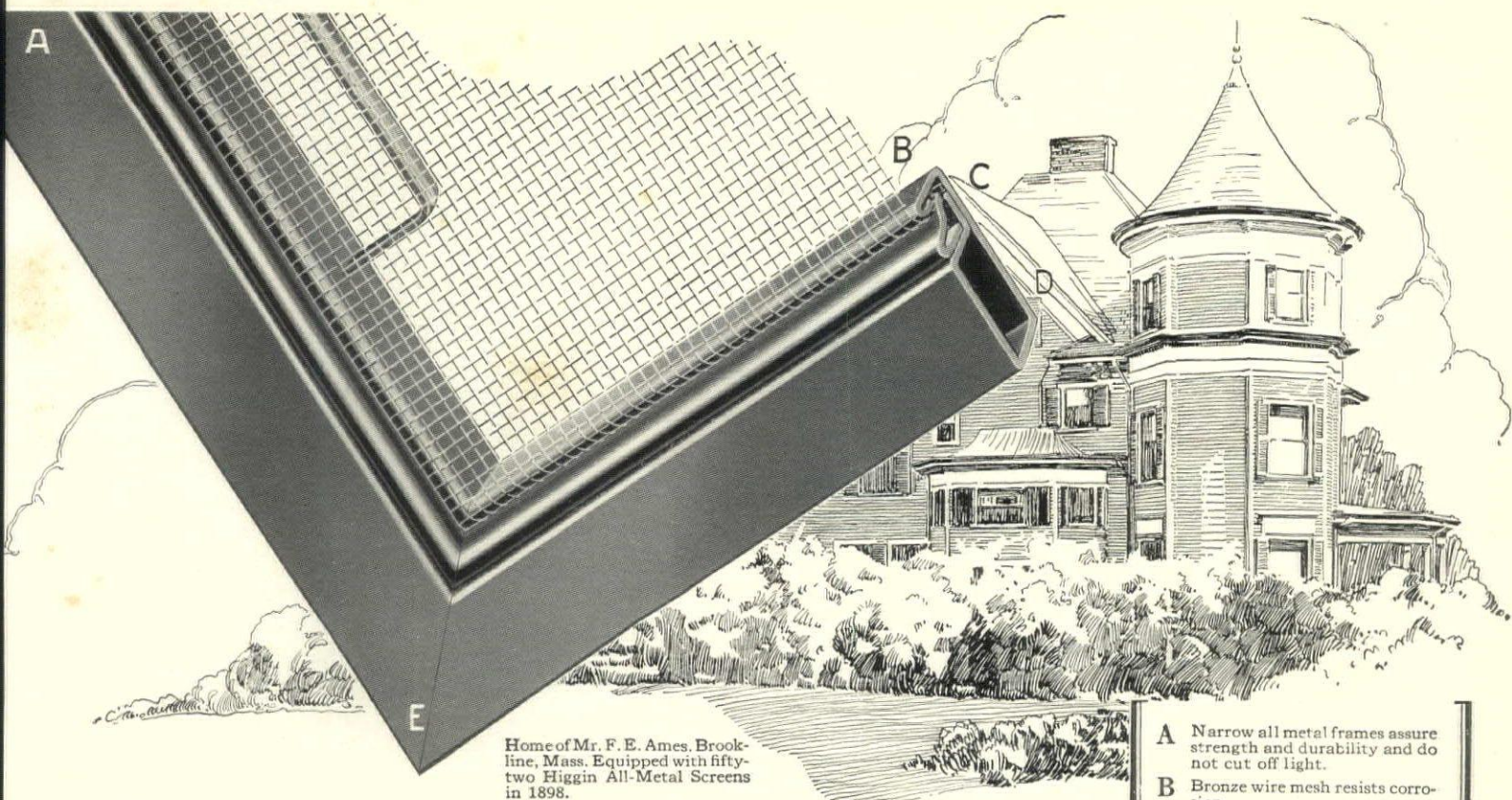
Beauty, Color Options, Luxury in fourteen enclosed and open bodies

\$1945 to \$5795 f.o.b. Detroit, plus revenue tax

HUPMOBILE

8

THE DISTINGUISHED EIGHT



Home of Mr. F. E. Ames, Brookline, Mass. Equipped with fifty-two Higgin All-Metal Screens in 1898.

- A Narrow all metal frames assure strength and durability and do not cut off light.
- B Bronze wire mesh resists corrosion.
- C Splines forced into frames hold cloth taut permanently. Removable in case cloth is damaged and requires replacement.
- D Frames enameled inside as well as out to prevent rust.
- E Corners, set with driving fit over inside corner angles, remain rigid.

Time is kind to them

THAT Higgin Screens do last and therefore cost the least is amply proved by the record of the years. Mr. F. E. Ames, of Brookline, Mass., adds his testimony to that of many other Higgin users in a letter written us recently, from which we are permitted to quote:

"For twenty-nine years your screens have gone in the middle of May and come off about Nov. 1. They have held their shape perfectly. With continued good care such fine screens deserve, they should last many years more. It certainly was a paying investment when we got them in 1898."

Higgin frames are so rigid and the wire cloth is held so taut that long years of service are as-

sured, while undiminished light and an unobstructed view are the natural result of the narrow, unobtrusive frames and the fine bronze mesh. Higgin Screens also give to interior decorations an added charm which ordinary screens never can give.

The advantages of Higgin Screens are described in our illustrated booklet "Your Home Screened the Higgin Way." It has shown thousands of people the way to screen beauty and economy. Send for your free copy today.

There is a Higgin man near you. Look for "Higgin" in your telephone directory.

THE HIGGIN MANUFACTURING COMPANY

Screen makers since 1893

Kansas City, Mo.

General Offices: NEWPORT, KY.

Toronto, Can.



The book—
"Your Home Screened the Higgin Way" will tell you all about sliding screens, hinged screens, porch screens, screens for unusual openings.

HIGGIN ALL METAL Window Screens

Screens that last longest cost least — Higgin Screens Last

The Higgin Mfg. Co.,
Dept. 25, Newport, Ky.

Yes, I want to know more about Higgin All Metal Screens, so please send booklet describing them in detail.

Name.....

Address.....

City..... State.....

Is your home weatherstripped? No If not, we will gladly send you our interesting booklet on fuel saving and comfort.



The Templeton Pat. Applied For



The Pemberton Pat. Applied For

"Standard" lavatories

NEW TYPES as original and distinctive as they are beautiful + + +

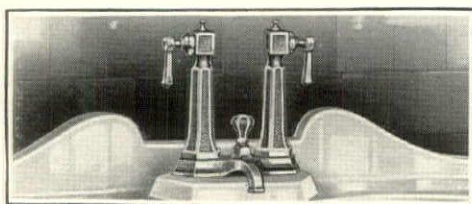
The "Templeton" and "Pemberton" are exclusively "Standard", having been originated by "Standard" designers and built by "Standard" master craftsmen. They strike a new note in Lavatory design which makes it possible for you to have your Bathroom as intimately *yours* as your bedroom.

The Templeton

This decorative type, in glistening white genuine Vitreous China, in one piece, is designed in convenient dressing-table effect. The roomy top is 36 inches long and 20 inches from back to front. The oval bowl with dual overflow is 19 inches long and 12 inches wide. The graceful legs are in metal and crystal glass. The massive fittings, as new and original as the Lavatories, are largely hand-made by "Standard" Brass craftsmen. They are furnished in a variety of finishes to suit the decorative treatment of your Bathroom.

The Pemberton

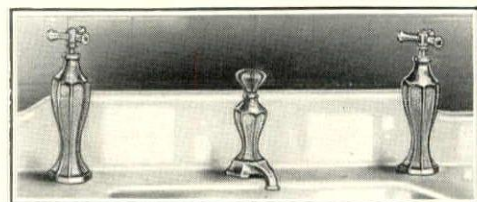
This "Standard" Lavatory is designed in a dignified straight-line effect. The attractive one-piece top, of genuine Vitreous China, is 36 inches long and 20 inches front to back. The square bowl is 17 inches long and 12 inches wide. The legs are in china and metal with crystal base. The "Pemberton," like the "Templeton," is roomy underneath. A chair can be drawn close and the toilet completed with utmost convenience. Both types provide the maximum of table space for toilet accessories. The broad, expansive tops make them ideal for shaving.



Like the new "Standard" Three "Eights" Sinks and the new "Standard" Laundry Trays, these new "Standard" Lavatories are typical of "Standard" progress.

FOR those who desire individual types of Faucets and Fittings, several unique designs are available. There are plain-surface types with "Standard" Chromard non-tarnishing, non-corroding plating, and genuine hand-hammered types with other Bathroom fittings to harmonize.

Standard Sanitary Mfg. Co., Pittsburgh



"Standard"

PLUMBING FIXTURES

Complete illustrated and descriptive literature on request. The "Templeton" and "Pemberton" will be on display in "Standard" Showrooms after June 1st.



Don't wait until next winter ... get the facts that will rid you of heating worries now!

Let us tell you whether—
An oil burner is practical for your home
How much it would cost you
Which type of burner you should choose

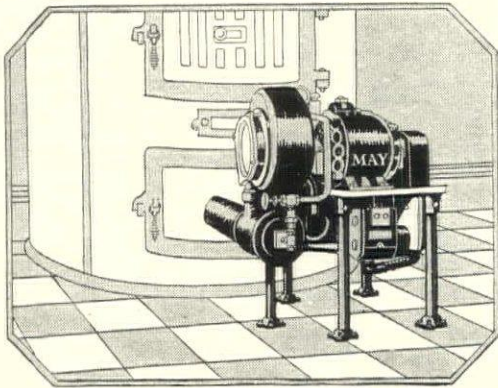
You (and your wife) have been through a winter of slavery to a coal furnace. You cannot have gone through without wondering about oil heat—healthful, dependable, automatic comfort and efficiency. You are tired of the dreary morning and night routine of shoveling coal, carrying out ashes—nursing an uncertain furnace that constantly drains your energy. Next winter, you say, you will have done with this drudgery forever.

But when you think of actual oil burners, your mind is filled with doubts. So many different kinds are manufactured. So many conflicting claims are made for them. . . . "Would oil heat be practical in my house?" you ask. "Which type of oil burner is best suited to my use?" . . . Naturally you listen eagerly to the oil burner discussions of your friends. But their pros and cons cannot answer your individual questions.

Here is the offer of authoritative, helpful information

Your home is different from other homes. Its difference must be thoroughly considered by engineers before they can tell you the

most efficient heating method you can use. Fill out the coupon at the bottom of this advertisement and mail it in to us. With the information that it will give us, our engineers will advise you authoritatively as to which type of oil burner, if any, you should install in your home. They will do this without the slightest obligation to you.



QUIET MAY AUTOMATIC OIL BURNER

Now—at the end of one winter—make sure of heating comfort during the next. Install the Quiet May this spring. . . . Take advantage of our unique deferred-payment plan. Read the facts of the Quiet May

Quiet: Because of its improved principle of operation this oil burner is really quiet. The sound of its combustion cannot disturb you. Ask any one of the thousands of enthusiastic Quiet May owners.

Safety: Every mechanical feature of the Quiet May has been tested searchingly for efficiency and safety. This burner is listed as standard by the National Board of Fire Underwriters.

Adaptability: The Quiet May is suitable for use in any type of heating system—hot air, steam, hot water, vapor. It burns all grades of home-heating fuel oils—even the cheapest.

Simplicity: Quiet May design and construction carry the promise of freedom from operating trouble. It is simple and sturdy—with only two moving parts.

Ease of Installation: This burner can be quickly and easily installed in your present heating system, whether you live in city or suburb.

Integrity: The Quiet May is manufactured by a firm of unquestioned integrity and national standing. It is ready to stand back of the burner.

Cost and Terms: Naturally the cost of installing the Quiet May varies with locality, size of tank and soil conditions. Complete installations cost a nominal sum when measured in comfort, family health, freedom from trouble and increase in value of your property. . . . Pay for it while you enjoy its comfort.

We want you to know the facts about oil burners. And because of our recognized prestige and experience in the oil-heating industry, we are pre-eminently qualified to give you these facts.

MAY OIL BURNER CORPORATION
Baltimore, Md.

Also makers of the May Commercial Oil Burner

Mail the coupon today! It will bring you the advice of trained and experienced engineers.

MAY OIL BURNER CORPORATION
Baltimore, Maryland

Gentlemen: Please furnish me complete information about oil heat or any other heating method that would best meet the needs of my home.

1. My name _____
Street _____
City _____ State _____

2. My home is heated by ☐ hot air ☐ steam ☐ hot water ☐ vapor.

3. Type of furnace or boiler ☐ square ☐ round.

4. My house is ☐ wood ☐ stucco ☐ brick ☐ stone.

5. It is wired for electricity. ☐ Yes ☐ No.
It is my understanding that this request in no way obligates me.

De Soto's discovery of Louisiana

SO obstinate was the belief of Hernando De Soto that vast riches lay awaiting him in the wilds of America, that when an Indian guide expressed doubt of finding gold, the iron-willed Spaniard ordered the native burned alive.

It took three years of terrible hardships and the loss of two-thirds his army to show him the folly of the search. At last in the spring of 1542, the survivors reached the confluence of the Mississippi and Red Rivers—the first historic record of white men in Louisiana.

Here they were menaced by tribes of savages who swarmed the shores in hundreds of pirogues—dug-out canoes made from huge cypress logs. While the Spaniards were building boats to escape downstream, their leader was stricken with swamp fever and died. His body was placed in a weighted coffin and buried in the dark depths of the Great Waters.

Although De Soto failed to find the fabulous wealth of his dreams, his expedition revealed to the world a region richer in natural resources than Spain itself, and made known to later generations one of the most enduring building materials of all time—

LOUISIANA RED CYPRESS

"The Wood Eternal"

now recognized not only as the world's premier lumber for boats, big and little, but also a dependable and economical wood to use for lasting construction in all types of buildings. Heart grade Louisiana Red Cypress gives the greatest service value under trying conditions, and should be used for sills, siding, porch flooring, stepping, cornices, door and window frames, and outdoor woodwork generally. Its attractive grain makes it desirable for interior trim and panels.

We shall be glad to give you further information on the uses and advantages of both Louisiana Red Cypress and Louisiana Swamp Tupelo. These fine products are stocked by dealers throughout the country—write us regarding sources of supply nearest you.



Louisiana Swamp TUPELO

is a remarkable wood of peculiar service qualities that is native to the Louisiana cypress swamps. Its great value was not known in De Soto's time, but it has since won a place for itself in modern construction as a superior wood for interior trim and flooring.

It has a light colored smooth surface that finishes beautifully—and a tough, dense, interwoven grain that insures wonderful wearing qualities in flooring. It has many economical applications in both residential and industrial buildings. Write for interesting descriptive literature on Louisiana Swamp Tupelo.

LOUISIANA RED CYPRESS BUREAU
507 Carondelet Street, New Orleans, Louisiana

N.Y. Evening Post Building

Architect
HORACE TRUMBAUER
Plumbing by
JOHN McMILLAN CO.



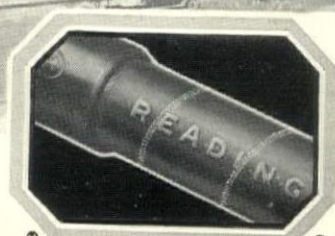
ONE of the most modern of newspaper homes is the building which houses that famous old journal, The New York Evening Post. A newspaper plant of all others must be sure of uninterrupted service from its pipe, and therefore the New York Post Building is added to the long roll of office buildings, hotels, factories and public buildings fitted with Reading Genuine Wrought Iron Pipe.

If you would know why so many leading architects specify "Reading", perhaps this quotation from Mr. John J. Monteith, Chief Engineer, Hotel Walton, Philadelphia, will prove illuminating: "Our wrought iron pipe is giving good service after 43 years. Steel pipe installed during the war has given us trouble constantly since 1922".

Ask your architect or plumber about the rust-resisting, long-enduring qualities of Reading Genuine Wrought Iron Pipe. Or write us for actual facts and figures.

READING IRON COMPANY
READING, PA.

*World's Largest Manufacturers of
Genuine Wrought Iron Pipe*



READING PIPE

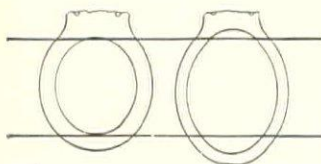
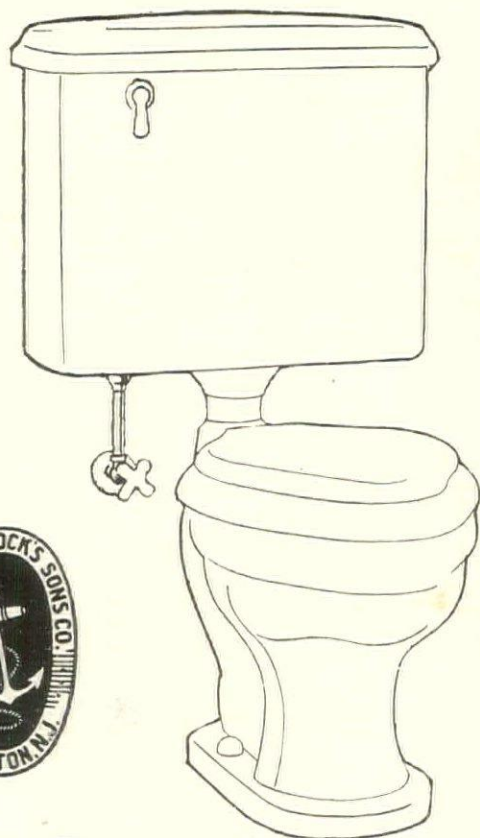
GENUINE WROUGHT IRON

Reading's Identification

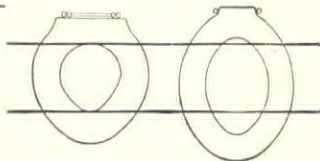
So that neither paint nor time will erase its identity, we cut a band of spiral knurling upon every length of Reading Genuine Wrought Iron Pipe. It protects you against error or substitution and authenticates the installation forever after.

Spiral Knurled

Comfort --- where comfort counts for health



This diagram shows the comparative size and shape of the ordinary toilet bowl and a Durock toilet bowl.



Here is shown the ordinary toilet seat in comparison with a Durock toilet seat. Note openings.

Slight extra cost for much extra value

Do not jump to the conclusion that Durock Toilets with elongated bowls and seats must be much more expensive than the ordinary type and quality of toilet. Despite their much greater healthfulness, comfort and sanitation, Durock Toilets actually cost but very little more. Get figures from your contracting plumber before you make any decision in the matter.



NATURE responds to an easy, comfortable position on the toilet by performing her eliminative functions freely and fully.

Durock Elongated-Bowl-and-Seat Toilets induce regular, normal action just as surely as a comfortable bed brings sleep.

Any tendency toward constipation is fostered by the cramped, constrained attitude imposed by ordinary toilets with short, round bowls and seats. On the other hand, the elongated bowl and seat, with the freedom and relaxation it permits, helps to correct any such disposition.

These bowls and seats are from 3 to 4 inches longer than those in old-fashioned, conventional toilets—and the water-surface within the bowl is correspondingly increased in area. (See illustrations.) More sanitary as well as more healthfully comfortable.

Durock Toilets with this valuable new feature are made in several styles, with a range of prices to meet various requirements. All have Durock tanks as well as bowls, and white celluloid-surfaced seats with covers.

Mail the coupon below for illustrated booklet, "The Two Vitally Important Fixtures in the Bathroom". It will enable you to choose your bathroom equipment with discrimination.

There is a Durock Distributor in your vicinity to supply your plumber

THOMAS MADDOCK'S SONS COMPANY
Trenton, New Jersey

MADDOCK

DUROCK Bathroom Equipment

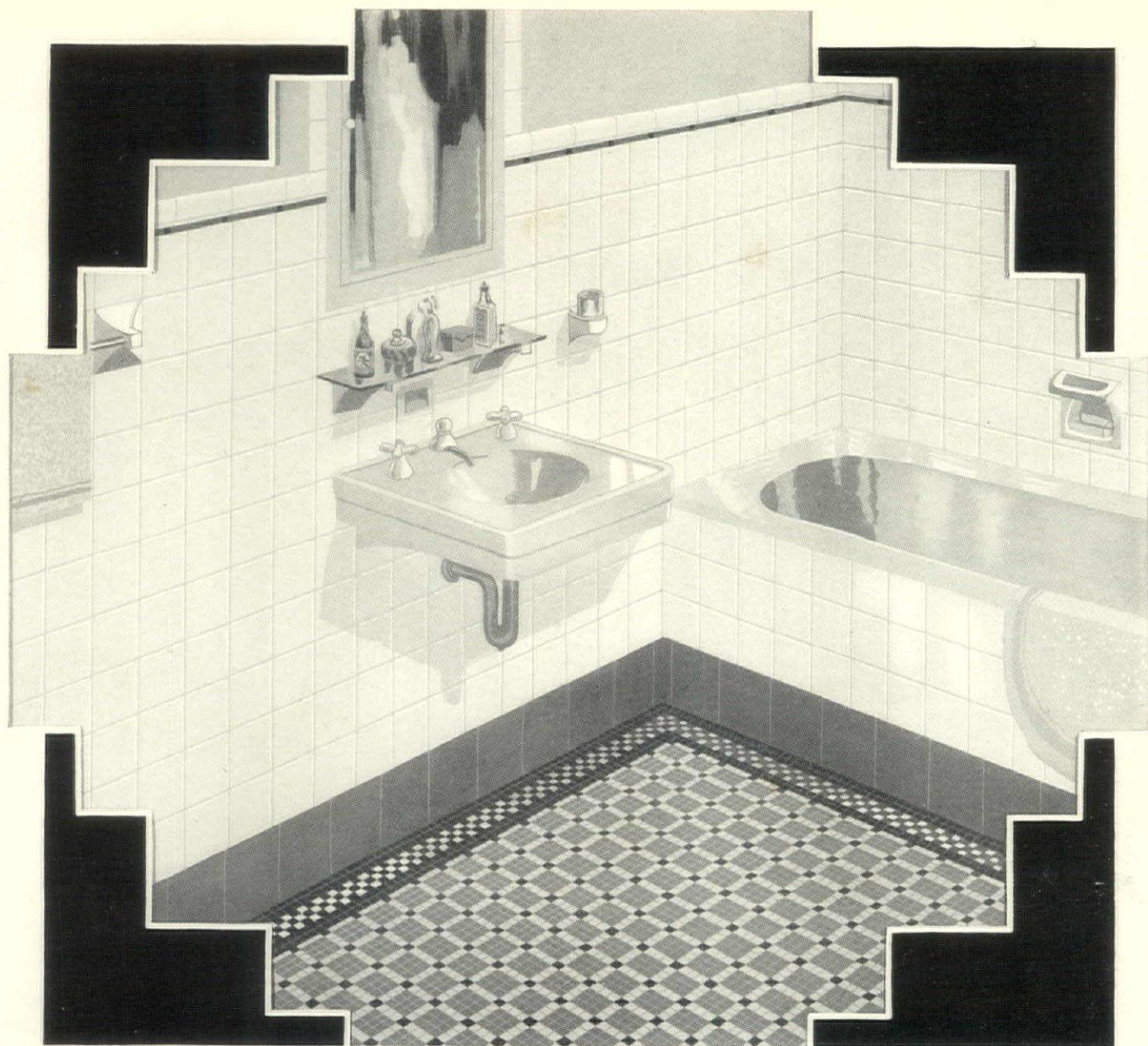
THOMAS MADDOCK'S SONS CO., Dept. H. G. 6, Trenton, N. J.

Date.....

Please send me, without charge, a copy of your booklet, "The Two Vitally Important Fixtures in the Bathroom".

Name.....

Street Address.....City.....State.....



The Lanes are Ready to Build



THEY have pretty well settled ideas . . . Mrs. Lane, especially. For one thing, she is determined not to apologize for the bathroom—as in the old home; not to have a door to close when company comes. She often said—“if I ever have another house I am going to have Tiled bathrooms, and enough of them.” She knows from experience just what she wants. The Lanes will not have to say “the” bathroom. They

will have all the bathrooms their house requires, and each one will be finished with Association Tiles. In this respect theirs will be a house of no regrets.

Profit by their experience. Talk to your local Tiling Contractor whether you build a new house—or improve the old one. Insist on Association Tiles—made in America by American workmen in American factories—and thus help to perpetuate American prosperity, which means your prosperity. Let us send you free brochure showing Beautiful Association Tiles.

ASSOCIATED TILE MANUFACTURERS • 218 Graybar Building • Lexington Avenue and 43rd St., New York

| | | |
|-----------------------------------------------------|----------------------------------------------|------------------------------------------------------|
| ALHAMBRA TILE CO., Newport, Ky. | MATAWAN TILE CO., Matawan, N. J. | THE C. PARDEE WORKS, Perth Amboy, N. J. |
| AMERICAN ENCAUSTIC TILING CO., Ltd., Zanesville, O. | MOSAIC TILE CO., Zanesville, Ohio | STANDARD TILE CO., Zanesville, Ohio |
| BEAVER FALLS ART TILE CO., Beaver Falls, Pa. | NATIONAL TILE CO., Anderson, Ind. | THE SPARTA CERAMIC CO., East Sparta, Ohio |
| CAMBRIDGE TILE MFG. CO., Covington, Ky. | OLDBRIDGE E. B. & TILE CO., Old Bridge, N.J. | UNITED STATES QUARRY TILE CO., Parkersburg, W. Va. |
| FEDERAL TILE CO., Columbus, Ohio | OLEAN TILE CO., Olean, N. Y. | UNITED STATES ENCAUSTIC TILE WKS, Indianapolis, Ind. |
| GRUEBY FAIENCE & TILE CO., Perth Amboy, N. J. | PERTHAMBOY TILE WKS, Perth Amboy, N. J. | WHEELING TILE CO., Wheeling, W. Va. |

MADE IN U.S.A.

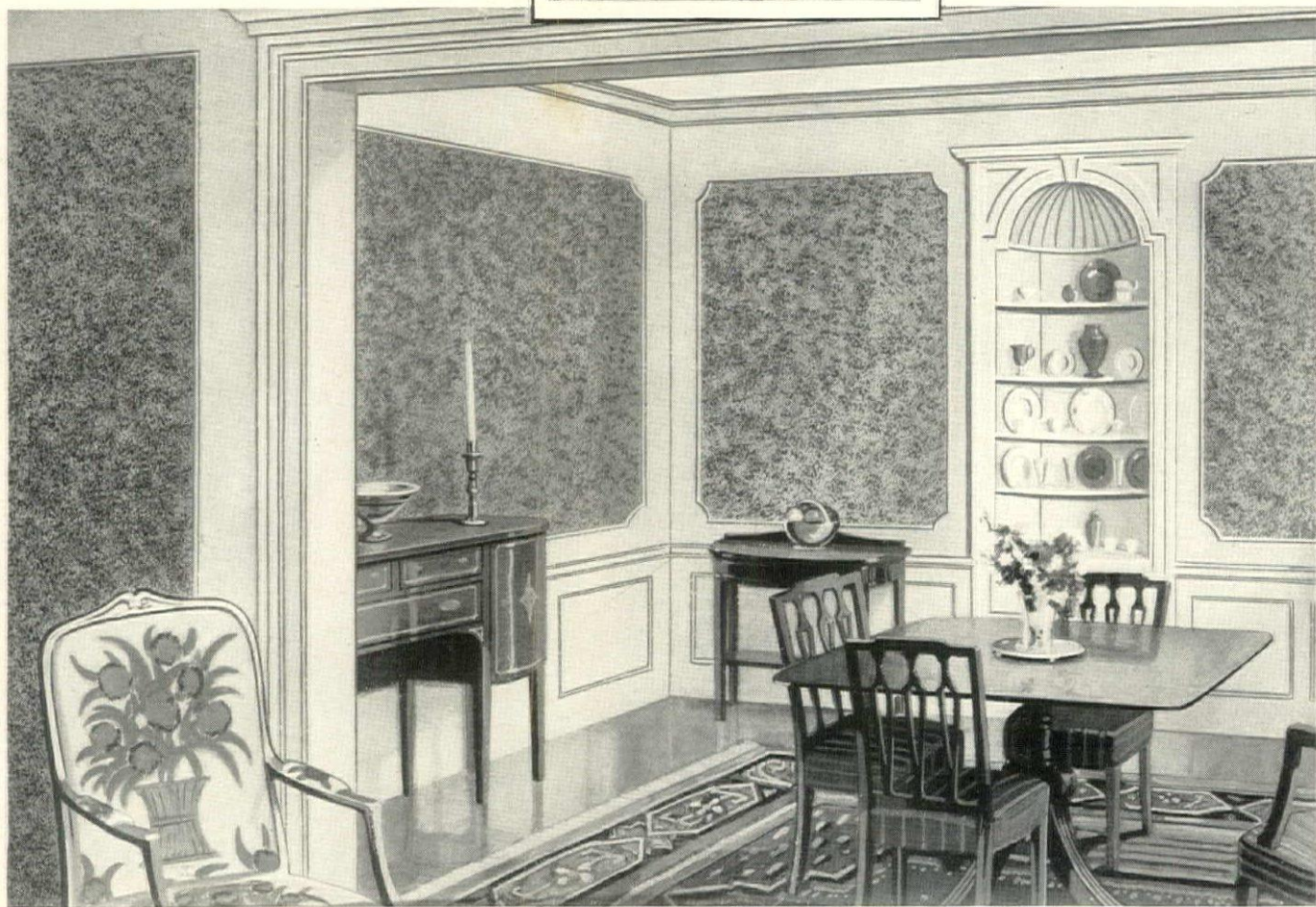
ASSOCIATION TILES



Pattern freely applied to delight the eye — just a promise of the numerous interesting wall effects that the Sponge Mottle treatment brings to your home. Its striking beauty belies the simplicity of application. First, an undercoat, either lighter or darker than the finishing color, is painted on the wall and allowed to dry. Then some finishing color is poured



on a board, and the flat side of a sponge pressed into it. Next the sponge is tamped against the wall. Two or more colors may be used for the mottling; though one color, in addition to the ground color, will be found sufficient to produce a most effective wall finish.



Paint with a Sponge?

WHY NOT . . . when the resulting design is so pleasing to the eye?

"Sponge Mottle," the painter calls it. "Beautiful!" you say as you watch the attractive design appear under the gentle tamping of the painter's sponge.

The process is simple—and not expensive. The ground color, applied by brush in the usual way, should be a

solid tone. Over this, a contrasting color, or two if you like, is sponged on. By turning the hand slightly, the painter varies the pattern left by the high spots of the sponge.

As in any painted wall finish, the true beauty of the Sponge Mottle finish lies in the quality of the paint and the clearness of the colors used. Paint made

of Dutch Boy white-lead and Dutch Boy flattening oil, mixed and tinted on the job, assures not only a beautiful wall finish, but also a washable and lasting one.

This Sponge Mottle finish is but one of many distinctive interior treatments obtainable with Dutch Boy white-lead paint. Some of the more unusual of these effects are shown and described in our booklet on decorating the home. This booklet will be sent you free, together with an offer of further service from our Department of Decoration. Just send your request for Booklet "O" to our nearest branch listed below.

Professional painters know this Dutch Boy Painter trademark. It is the mark of pure white-lead—the basis for an all-lead, all-purpose, all-color paint. Paint made with Dutch Boy white-lead can be used on the outside of your house to beautify and protect and on the inside for creating interiors of rare charm. It can be applied over stucco, concrete, brick and stone as well as plaster and wood. And, whether your painter uses it on the woodwork and walls of one of your rooms, or on your whole house inside or outside, it will save you money because it saves and beautifies whatever surface it covers.



NATIONAL LEAD COMPANY

New York, 111 Broadway
Buffalo, 116 Oak St.
Cincinnati, 659 Freeman Ave.
St. Louis, 722 Chestnut St.
Philadelphia, National Lead & Oil Co. of Pa., 316 Fourth Ave.
Boston, 800 Albany St.
Chicago, 900 West 18th St.
Cleveland, 820 W. Superior Ave.
San Francisco, 485 California St.

DUTCH BOY

WHITE ~ LEAD

for CLEANLINESS



for BEAUTY



for DURABILITY

Many heroes forfeited their lives for failure to out-run Atalanta—and Hippomenes won the race and her hand only by throwing golden apples ahead of her, which she stopped to pick up. So Swinburne wrote of "Arcadian Atalanta, snowy souled—fair as the dawn and footed as the wind."

STUDEBAKER COMMANDER

*"Greatest post-war
engineering achievement"*

SO great has been the public's response to The Commander, Studebaker's Big Six of heightened performance and lowered price, that Big Six sales now exceed the combined total of all other cars in the world of equal or greater rated horsepower.

One authority has called The Commander "the greatest post-war engineering achievement." Sweeping pick-up from 5 to 40 miles per hour in 18 $\frac{2}{5}$ seconds, flashing speed of 70 miles an hour if you want it—and as long as you want it.

Big Six stamina and dependability have been tested on Studebaker's 800-acre Proving Ground and by 1009 Studebaker owners who have driven their cars 100,000 miles or more. Only seven American cars equal The Commander in rated horsepower—and they cost from \$4,000 to \$10,000.

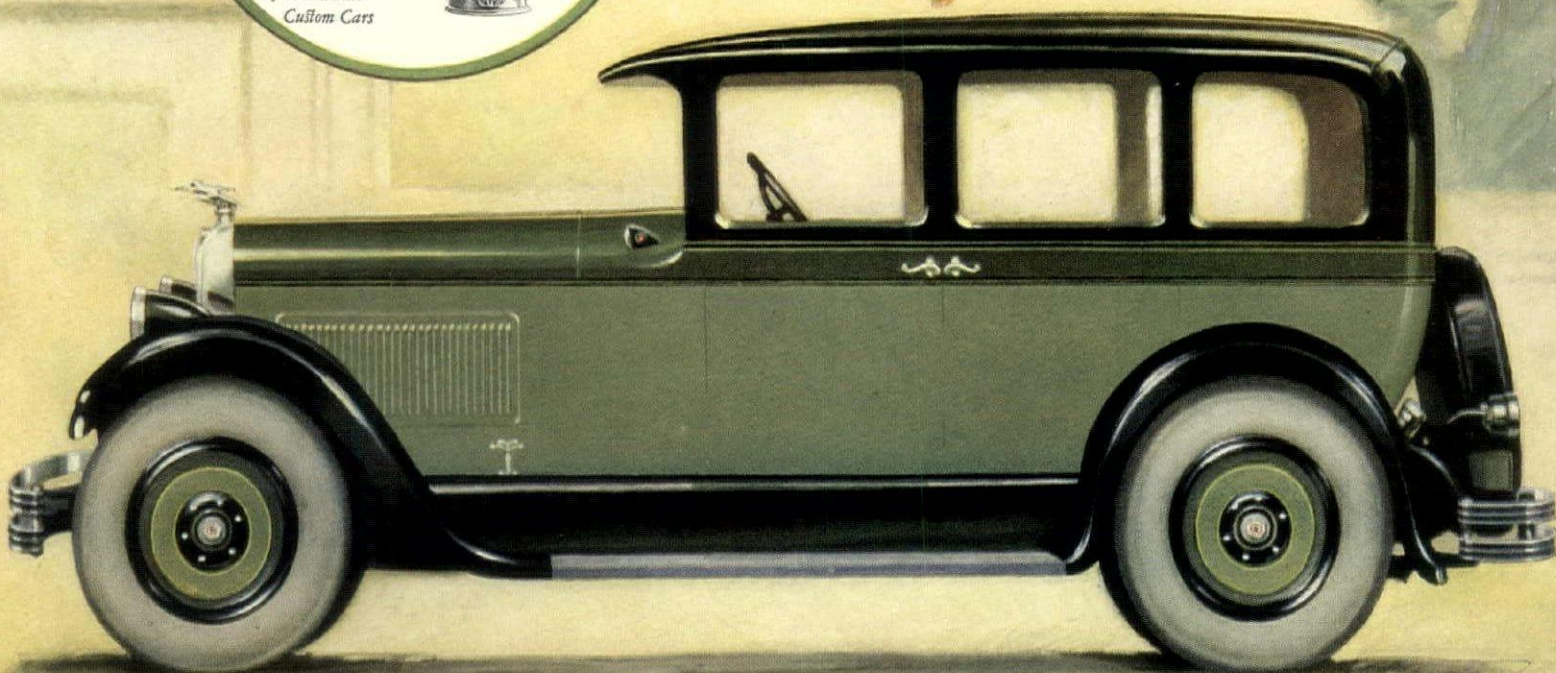
A man's car as far as power is concerned—a woman's car so far as custom beauty is concerned—and everybody's car so far as its new One-Price price is concerned.

COMMANDER \$1585 f. o. b.
SEDAN factory

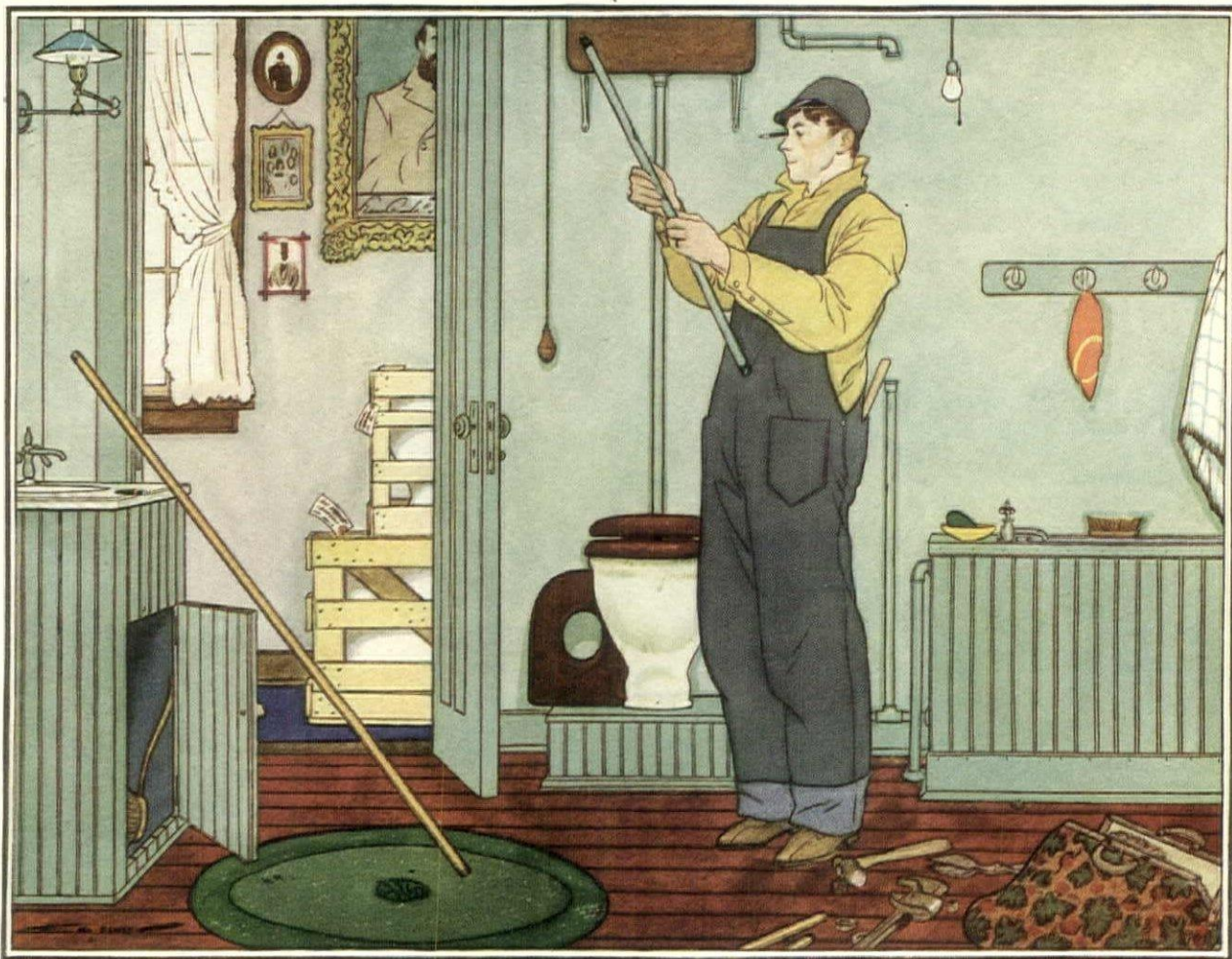
Other Commander models include: Victoria, for four (with mohair upholstery), \$1575; (with broadcloth upholstery), \$1645; Coupe (for four), \$1645; Coupe (for two), \$1545. Prices f.o.b. factory, including front and rear bumpers and snubbers.

Equipment Nickel-plated bumpers, front and rear; snubbers; no-draft ventilating windshield (exclusively Studebaker); full-size balloon tires; disc wheels and positive acting four-wheel mechanical brakes; engine thermometer and hydrostatic gasoline gauge on dash; two-beam acorn headlights controlled from steering wheel; cowl lights and interior dome light; rear traffic signal light; automatic windshield cleaner and rear-vision mirror, oil filter; Alemite lubrication; silken curtains; Butler finish hardware.

*Atalanta—symbol
of Studebaker
Custom Cars*



S T U D E B A K E R



How many times should a bathroom be “plumbered”?

IT should be “plumbered” *once more* if it is an old bathroom of the tin-tub, iron-pipe era. Call in your plumber and have him rip out the old, unsanitary fixtures and the rusting iron or steel pipe and put in modern fixtures connected with good brass pipe that can’t rust or corrode.

If you are building a new house it should be “plumbered” *just once*. Put in brass pipe to begin with.

You can’t afford to run any risk of your water pipes rusting out or filling up when they are concealed behind expensive tiled or plastered walls, or run under hardwood floors, as they are

in modern houses. Brass pipe will last as long as the house stands, and you’ll always have a full flow of clean, sparkling water.

And bear this in mind—whether you are replacing old plumbing or putting in new, it will be to your advantage to insist upon Alpha Brass Pipe. It contains more copper than ordinary brass pipe and will thread more easily, which means tighter, safer connections.

You would expect Alpha pipe to cost more, but it doesn’t. Specify it by name—it is stamped “Alpha” every 12 inches. Made by the Chase Companies, Incorporated, of Waterbury, Conn.

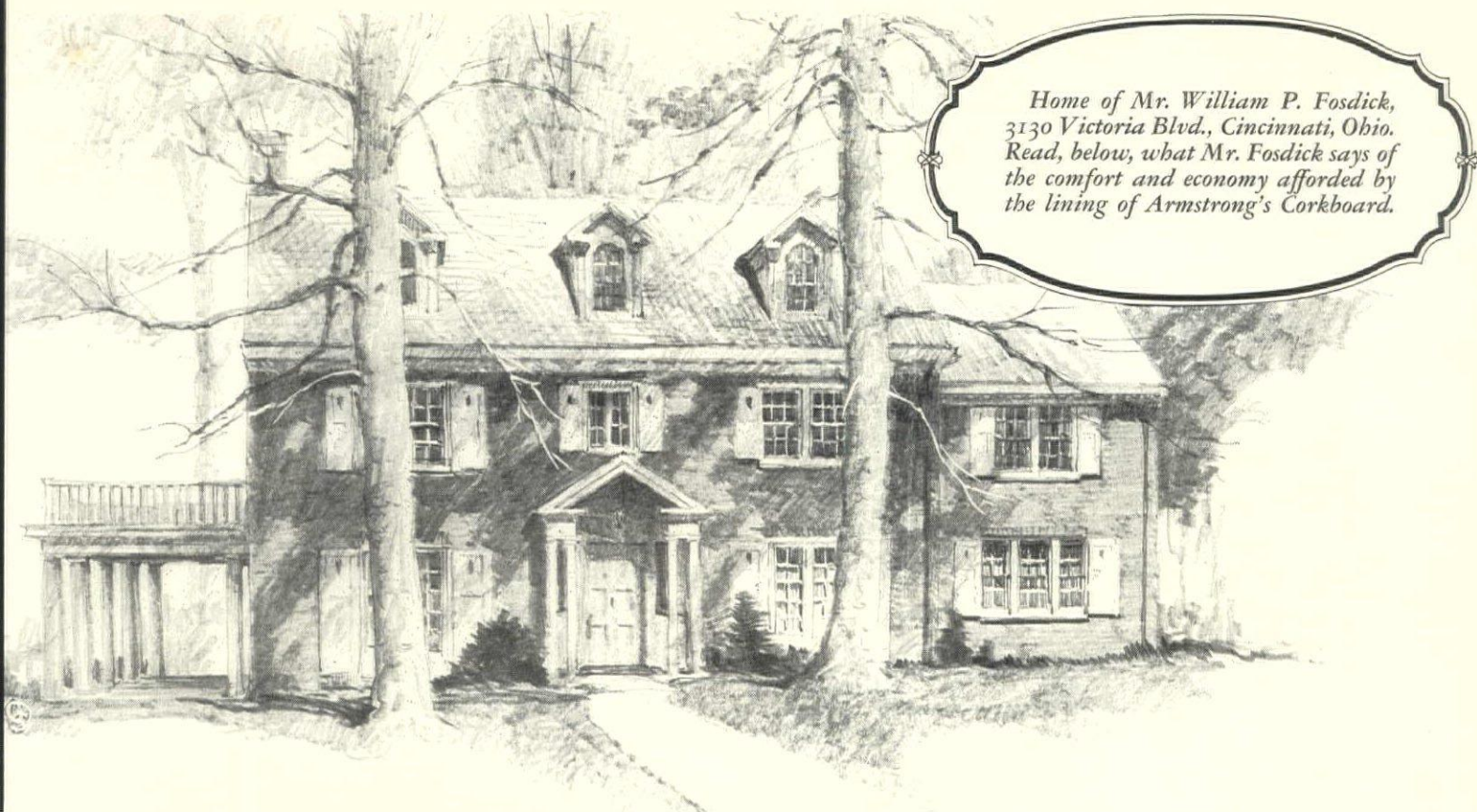
ALPHA Brass pipe

CONTAINS MORE COPPER

IF YOU WOULD LIKE TO KNOW MORE ABOUT BRASS PIPE, FILL IN YOUR NAME AND ADDRESS BELOW, MAIL TO US, AND WE’LL SEND YOU A COPY OF OUR BOOKLET, “ALPHA—THE STORY OF A WATER GUIDE”....THE CHASE COMPANIES, INCORPORATED, WATERBURY, CONNECTICUT

Name.....Street.....City and State.....

57-6161-15



Home of Mr. William P. Fosdick,
3130 Victoria Blvd., Cincinnati, Ohio.
Read, below, what Mr. Fosdick says of
the comfort and economy afforded by
the lining of Armstrong's Corkboard.

A Real Home *because it is Comfortable*

*Completely cork-lined, it is cooler in
summer, warmer in winter*

WHEN Mr. William P. Fosdick built this beautiful home in Cincinnati, he insulated it completely with Armstrong's Corkboard, 1½ inches thick on the outside walls and 2 inches under the roof. After living in it a year, Mr. Fosdick wrote:

"I thought you would be interested, inasmuch as we have lived in the house just a year, to know how pleased we have been to have installed this cork, both for warmth in winter and coolness in the summer.

"Our gas boiler has seven burners, but at no time have we used more than three of these to keep the house at 70 degrees day and night."

Comfort is the outstanding feature in any home that is lined with Arm-

strong's Corkboard—year-round comfort, for the same insulation that holds the furnace heat *inside* in winter keeps *out* the heat of the summer sun. Upstairs rooms are as cool as downstairs in the cork-lined house.

For the best results, line your walls with 1½ inches of Armstrong's Corkboard, and your roof with 2 inches. These thicknesses will give you the most comfort and the greatest economy of fuel per dollar expended.

Mail the coupon below for the story of Armstrong's Corkboard. In return, you will receive the 32-page booklet describing how you can have year-round comfort in your new home. Address Armstrong Cork & Insulation Company, 193 Twenty-fourth St., Pittsburgh, Pa.



Made of pure
cork in boards 12
inches by 32 or 36
inches—1 to 3
inches thick.



Armstrong's Corkboard Insulation

A Heatproof Lining for Walls and Roof

Armstrong Cork & Insulation Company,
193 TWENTY-FOURTH ST., PITTSBURGH, PA.
or MCGILL BLDG., MONTREAL, QUEBEC

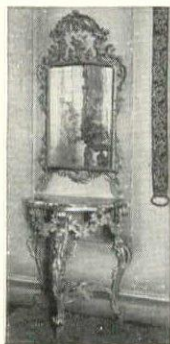
GENTLEMEN—You may send me your 32-page
booklet containing complete information about the
insulation of dwellings with Armstrong's Corkboard.

Name.....

Address.....

JUNE

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Some of many treasures purchased by Laura Wand while in Italy

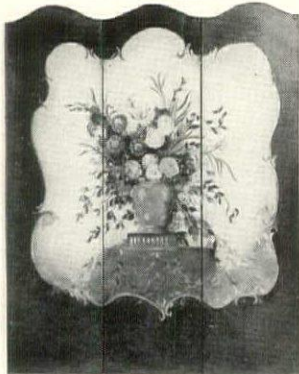
IF you, too, appreciate a well-appointed home, with a harmonious atmosphere, attractively furnished and in good taste, then you should visit the studio of

LAURA WAND
Consulting Decorator
31 EAST 48 STREET
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YOU will find her assistance most valuable in decorating and furnishing your home no matter how small the problem may be. No charge for consultation.

Telephone Vand. 7487

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\$35.00

A Charming Screen for Living Room or Dining Room with Urn of Garden Flowers on Antique Ivory background. The outside Panel comes in Antique Blue, Rose, Tan, Jade Green, Orange, Lavender, Light Blue, and Red.

Painted in oils on canvas

The Screen is 5½ feet high and 4½ feet wide. Designs submitted without obligation on your part.

HOWARD B. REW
Sioux City, Iowa

Write for Catalogue



Frame No. 5434, black and gilt—made in three sizes of oval openings: 2¼ x 2—3¾ x 2¾—4¾ x 3¾ in. Not made in other sizes. Prices: \$5.00—\$5.50 and \$6.00 respectively.

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PICTURES

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Mail Order Dept.

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Retail Salesroom, 4 Park Sq., Boston, Mass.

SOMETHING in the nature of an upheaval took place at B. Altman & Co. early in May, when Casa Alta was opened to the public. The establishment of this most comprehensive department group, which covers every phase of interior decoration and its allied arts, was the occasion of a complete change in scene of the 4th, 5th and 7th floors of the Fifth Avenue store. In addition to revisions in the actual furnishing and decorating departments, several new and exciting rooms have been created for the display of antiques, rugs, tableware, etc., each of them appropriately appointed with particular regard to its purpose.



THE Crystal Room on the 4th floor displays its glassware like jewels in a velvet case, against a background of black carpeted floor and mahogany paneled walls. In the Persian Room, which is really more museum than shop, rugs of aged and mellowed beauty are rivaled in splendor by tiled fountains, unusual lighting effects and two swarthy attendants in full native costume.



The French Provincial style is at home in this bedroom of a country house. We can order pieces either in originals or in good reproductions.

Our service is the assembling of artistic interiors. We invite consultation.

Ethel A. Reeve, Inc.

17 East 49th St.

New York

Plaza 0440

THE CHINTZ SHOP

AGNES FOSTER WRIGHT



CHINTZ is the fresh and colorful fabric that will gladden your room and give it a harmonious effect. It has a hundred inviting uses to add beauty to the already well-appointed home. If you will come into one of our shops, we will be glad to show you the possibilities of its decorative qualities.

In our chintz shops we have assembled an enticing display of the modern designs—copies from old patterns and many works of the twentieth century artist. Curtains, upholstered furniture, lamp shades and pillows.

Glazed Chintz—White background. Blue and mauve delphinium, green leaves. 25" wide \$5.00 per yard.

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At 49th St.

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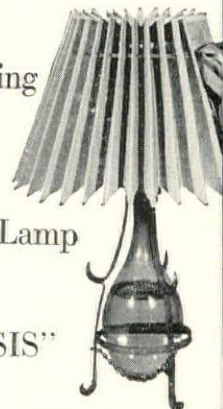
Old Furniture
and
Wall Decorations

16 EAST 53 St. NEW YORK

Plaza 3004

A
Charming
And
Novel
Bottle-Lamp

The
"OASIS"



COMBINED in this artistic and latest bottle lamps are a stand of artistic hand made wrought iron, the new pleated shade of book linen now the vogue and a graceful shaped colorful bottle of pretty green. The shade is drawn with green ribbon of soft color. Electrically equipped. Price complete, \$12.00.

Write for folders of lamps, hand-hooked rugs, etc.

The Treasure Chest
Asheville N. C.

AUNT NANCY
HAND HOOKED RUGS
From the Blue Ridge Mountains



DARNLEY
Inc.



Wall Bracket in Red, Green or Yellow
16 in. high—10 in. wide—\$10.75
Wax Flower Prices on Application

395 Madison Ave.

New York

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Individual Glassware

Imported Czecho-Slovakian glassware, gold banded with your monogram; per dozen, goblet, \$22.75; cocktail, \$18.75; wine, \$18. Prices of other stemware on request.

Cooley's

Decorators of china for 67 years
34 Newbury Street Boston

TREASURE Trove, that storehouse of *objets d'art*, is a feature of the new 7th floor development. Here are gathered together collections of clocks of the French ormolu, Dresden China and lacquer cabinet variety, book ends, figurines, Italian and Spanish pottery, majolica, Venetian glass, antique silver, little boxes, lustres and Oriental pieces, the last including teakwood furniture, jardiniere in all colors, Corean chests with elaborate brass mountings, and figures of soapstone and jade. Some of the pieces are old, some are modern, and all are interesting. Altogether a delightful room in which to browse around in a leisure hour, as satisfying to the collecting instinct as an old curio shop.



ALSO on the 7th floor is a series of exhibition rooms done in various period styles, intended as sample display rooms rather than as models. These are entered through a terrace furnished in the approved modern manner with wicker and reed pieces. The actual entrance is a large foyer done in Spanish fashion, with



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Antiques and Interiors
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cannot compete with large department stores in price but then it is *worth* a little more to get her personal interest, her knowledge, taste and judgment.

As you plan your summer home include a visit to her studio where you will have a gracious welcome and where your decorating requirements will be sympathetically comprehended.

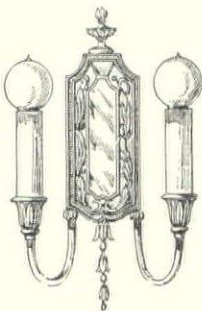
And should you, then, *entrust your work* to FELICIA ADAMS, you will leave with the comfortable assurance that it will be handled in a business-like manner.

Phone Plaza 7076
for an appointment

FELICIA ADAMS
Interior Decorating
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PILLOWS
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Daisy applique
Crib Quilt of
Sateen. 42" x
54" \$19.50

One delightful feature of getting original Eleanor Beard models is that they are actually priced lower than copies shown elsewhere.

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Furniture and Decorative Objects
French — Italian — and English
Floor plans, Interior Architectural details: Schemes for the complete house.

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CANDLE-STAND TABLES

We have a few hand-turned candle-stand tables, exact reproductions of a beautiful old table of Colonial Virginia. Solid walnut, exquisitely finished in either walnut or mahogany, 27" high, diameter 20". Price \$11.50.

Colonial Coverlets, Hooked Rugs

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All articles made by skilled workers, in the mountains of Virginia.

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LAURA H. G. COPENHAVER
"Rosemont" Marion, Va.

rough stucco walls, mahogany wood trim and damask hangings. Scattered among the Spanish furniture pieces are a few of Italian origin which are entirely in keeping with the scheme.

To the right of the entrance room is a large living room in the Georgian manner, and beyond that a Georgian dining room, cool and inviting in its color scheme of green and gold. Furniture here is of Chippendale design, brought over from England especially for use in this interior.

The end room of the right wing is an early American bedroom, with characteristic paper, tester bed and maple furniture.



LEFT of the central entrance lies a French drawing room of considerable size, done in the manner of Louis XV. An interesting old Persian rug of French design covers a good part of the 42-by-35 floor, its pale blue-green tone repeated in taffeta hangings at the tall windows.

An 18th Century dining room, next in succession, owes the



Decorators and Architect Enthuse over Arutex Mantels!

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Decorators, Architects and Builders are invited to our studio. Their clients, too, are welcome, if they will present the customary card of introduction.

Arutex variety of design assures a choice in harmony with the decorative scheme. Call or write for Catalog No. 6G.

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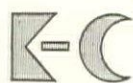
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Came Back Like New

OF course you don't want your blankets to become an eyesore, but what a burden to wash them! Hereafter, turn the job over to us!

Our special washing and re-finishing service is so efficient, so prompt and so inexpensive that women in all parts of the country send us their blankets regularly. No fading, no shrinking. Blankets come back fresh, soft and beautiful as new. Thousands of satisfied customers.

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Nickel and Black finish.....\$30.00
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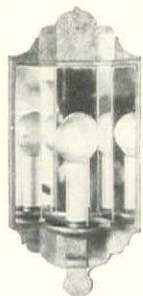
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Beautiful Inexpensive
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Hand wrought in Tin, Brass,
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Copper and Brass..... 30
Pewter..... 35
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Other special Artcraft pieces for living rooms, dining rooms, nurseries, etc. are shown, with prices, unfinished, in our beautiful catalogue, sent on receipt of 25c.

A BEDROOM done in the Unfinished vogue

EVERYWHERE today the vogue for Unfinished Furniture is growing as it is seen how charmingly it lends itself to interior decoration.

Here is pictured a bedroom with spool bed, Colonial three drawer chest, dressing table of nine drawers.

with arms for draping, chiffonier desk, and various individual pieces—all unfinished, though they may be painted or decorated to order if desired.

It makes an ideal guest room, for instance, in a country house.

ARTCRAFT

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FURNITURE CO.

New York City
Phone Caledonia 3144

The Mayhew Shop, Ltd.



Iron Garden Table—Parasol, Orange and Red
Iron Side Chairs

Table—
31" diameter.....\$14.00 Parasol.....\$40.00
40" diameter..... 16.00 Chairs—large, 24.00
23½" x 12½"..... 12.00 small, 12.00

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GRINDSTONE HILL
FORGE

FAIRFIELD, CONN.

greater part of its interest to a scenic wall paper with a Chinese garden design. This is applied above a low neutral-toned dado.

The last room of the group is a French bedroom furnished in satinwood pieces of the Louis XVI era. Paneled walls of deep putty color have a line of antique gold in the moldings; and a Chinese rug and curtains of oyster white and light pink striped taffeta complete a scheme of elegance and restraint.



DURING the week of May 2nd, the R. H. Macy Art in Trade Exposition drew considerable attention to the 4th floor of the new Macy building, where exhibits of fabrics, furniture, rugs, metals, glass, jewelry and the bookbinding art were placed on display.

The exhibition was designed as an indication of the influence of fine art on modern design in every field of production, and achieved genuine interest and distinction under the guidance of Lee Simonson as Art Director, Miss Virginia Hamill as Director



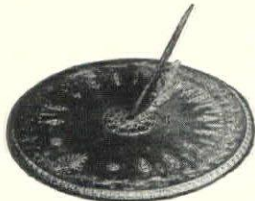
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SMALL BRONZES
By Modern Sculptors



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FOR THAT FAVORITE
SPOT IN THE GARDEN

CAST AT THE FOUNDRIES OF

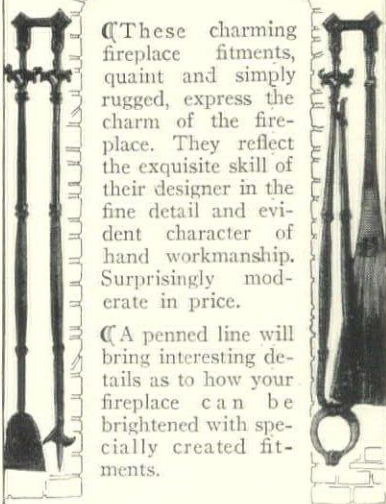
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Bronze Division

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These charming fireplace fitterments, quaint and simply rugged, express the charm of the fireplace. They reflect the exquisite skill of their designer in the fine detail and evident character of hand workmanship. Surprisingly moderate in price.

A panned line will bring interesting details as to how your fireplace can be brightened with specially created fitterments.

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Clears
The Table
in One Trip

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TABLE SERVICE-WAGON!

- (1) Saves Thousands of Needless Steps!
- (2) A Priceless Help When Entertaining!
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"Entertaining
Property
Without a Maid"

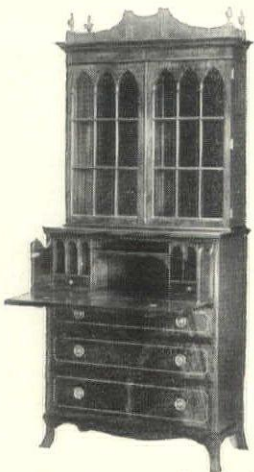
Send for your copy. It not only explains how easy it is to entertain gracefully without a maid but shows how the Table Service Wagon speeds up housework, lightens labor, saves thousands of steps. Write today.

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Mahogany, inlaid with satinwood.
Hepplewhite design, height 82",
width 36 1/2", writing space 17" by 34"



It is delightful to work at this secretary, with its little drawers and shelves to keep letters in! — of a

dignity that lends distinction to one's study. Richter Furniture — of a quality that insures lasting satisfaction — may be bought through your Architect, Dealer, or Decorator. Booklet on request.

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Weather Vanes



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(Ruffle \$10 extra)

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Booklet B-5 and samples of coverings gladly sent on request

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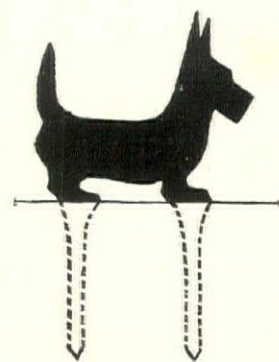
1501 Third Avenue, New York

of Exhibits and a committee of authorities. The settings, which showed decided traces of the modernist influence, were so arranged as to tie the various groups into a unit, so that there was evident throughout the exhibition a pronounced museum quality.



THE exhibition directors were successful in securing for their daily program in the auditorium such speakers as Robert W. DeForest, President of the Metropolitan Museum of Art; Richard F. Bach, Huger Elliott and Grace Cornell, also of the Metropolitan Museum; Dr. John H. Finley, Editor of the New York Times; Richardson Wright, Editor of House & Garden; Mary Linton Ackerman and Paul Theodore Frankl, decorators; Lee Simonson, designer for the Theatre Guild and Director of the exposition; Paul Manship, sculptor, and a number of other prominent figures in the world of art.

THE SCOTTY SCRAPER



TO INSTALL merely stick in the ground by walk or front step and "Scotty" will keep hall rugs free from muddy shoes.

Made of malleable iron (will not break)—stands 10 inches above ground level—painted black Duco.

Held securely in the ground by two 8 inch angle iron stakes.

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Masters of the Metal Arts

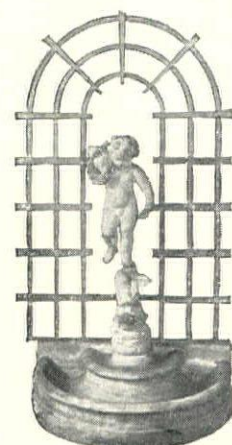
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bird-baths, sundials, benches, vases, flower-boxes and other interesting garden ornaments made of Pompeian Stone, Lead, Terra Cotta and Marble will be found on exhibition in our studios.

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21" high x 19" wide
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Cut out of non-rusting metal. They are reversible, painted black, and ready to attach to surface of chimney, gable, over doorways, fireplaces, etc. Other Marine, Bird, Animal, Dancing Girl, etc. Designs. \$7.50 to \$25 each.

Unique Foot Scrapers

Finished black, ready to attach to wood, brick, cement or stone. Other Bird and Animal designs.

All designs copyrighted



Scotty Terrier 8" high.



Squirrel, 10" high.



Social Cat, 10" high.

Conventional Design Foot Scrapers

In old style wrought iron



\$7.50 per pair
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No. 99—"Cape Cod".

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Other designs.

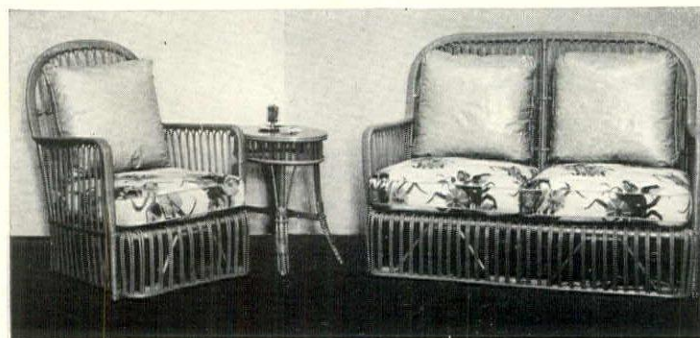
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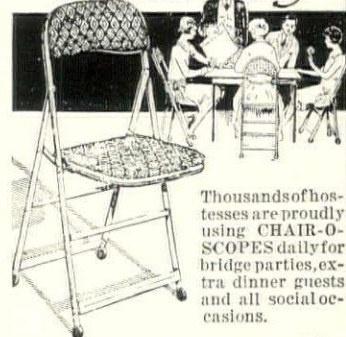
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1-24-in. \$30 3-29-in. \$37.50 5-24-in. \$35
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of Jerusalem

559 Madison Ave. New York

AT Lord & Taylor, interest centers about the redecorating of the seven model interiors on the 6th floor. The first of these has become a sun room, with putty tinted walls forming a neutral background for a colorful decorative scheme. The curtains are of plain green linen, and a rush rug blocked in alternating green and natural colored squares covers the floor. Furniture of natural stick willow has upholstery done in a linen of Poiret design.

In an 18th Century living room, English and French furniture mingle harmoniously. Rust colored moiré hangings over powder blue gauze glass curtains are used at the windows.



A GEORGIAN dining room has plaster walls paneled with a paper in a gay flower motif. The design of the paper is repeated in glazed chintz curtains of the same pattern.

Hyacinth blue walls and glazed chintz hangings contribute to

The Closet Shop

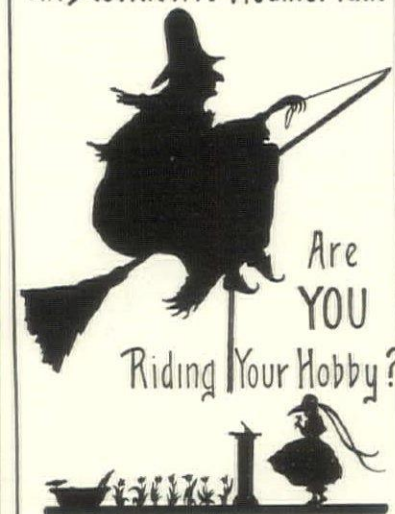
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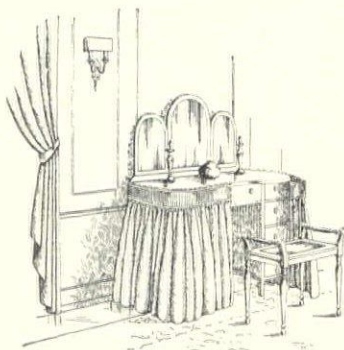


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UNFINISHED FURNITURE— to create homes of individuality



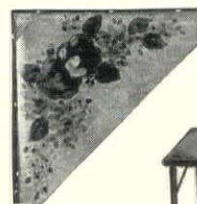
Our new catalog is designed to give interesting and helpful information to those who are planning to buy furniture. You will find it unusually complete and attractive. It is sent for one dollar which is refunded on any order of furniture. Write Dept. "G".

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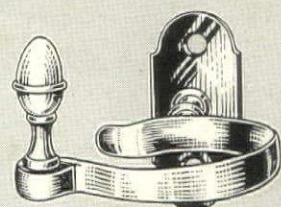


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AN oak paneled library has been enlivened for summer with yellow crewel work hangings and chintz slip covers for the overstuffed furniture. A little dressing room with black and white blocked linoleum floor and marbleized baseboard employs French reproduction furniture, pink walls and chintz hangings for its decoration. And the last of the series is a Directoire morning room, where Venetian green walls, yellow damask hangings over copper colored gauze glass curtains and reproductions of French XVIII Century furniture pieces combine to form a fitting climax to a most interesting and effective group.

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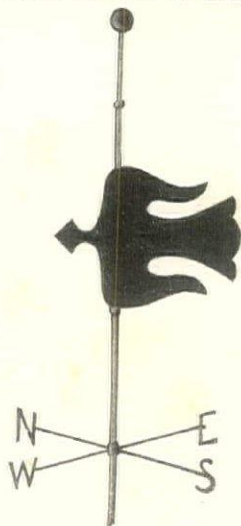
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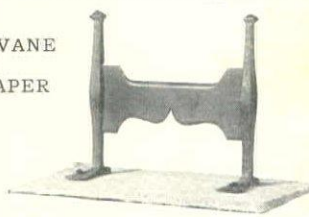
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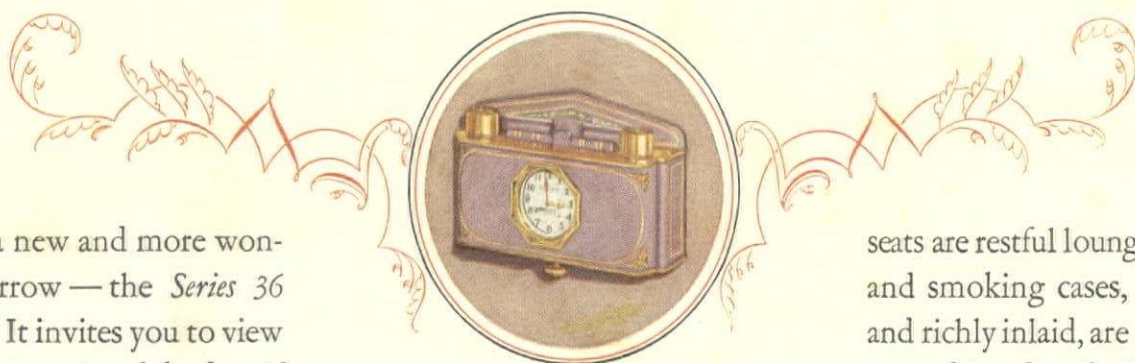
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THIS tells of a new and more wonderful Pierce-Arrow — the *Series 36* Dual Valve Six. It invites you to view the new *Series 36* enclosed bodies if you would see interior designing and luxuriousness as never before expressed. For in these interiors, garbed in hand-tailored fabric of exquisite texture, Pierce-Arrow artisans have indeed

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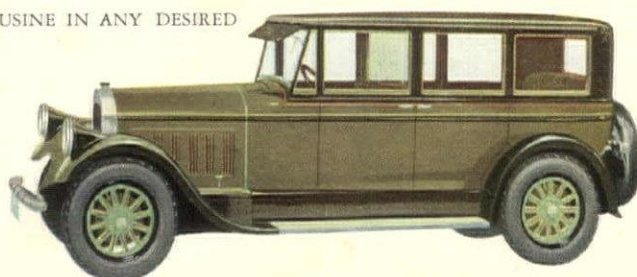
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To say "DRAMATIC" see *Banff!*

RIDING over Indian trails, before the railway came, Sir William Van Horne studied the wild, up-ended landscape of the Canadian Pacific Rockies. Himself a painter, the president of the Canadian Pacific knew a view when he saw one. On a certain mountain shelf, he stopped.

"Here," he said, "is the most dramatic view in the world. Here, we will put a great hotel." And today, there's a little wriggle in the railway where it turns aside for Sir William's view and the wide-spreading wings of the Banff Springs Hotel.

Sir William is long gone, but thousands of people come to Banff every year to marvel at that view. To left and right, tower two-mile peaks, snow-capped forever. Thundering between them in its gorge, goes the blue-green torrent of the Bow. Out through the gap, spread tumbled foothills, dark with pine. Square across the valley's end, rises the huge range of the Fairholmes, the river boiling around the end.



Until you have seen this spectacle, you do not know what the word "dramatic" means.

Against this glory of nature, flashes a colorful pageant of summer life. The terrace of Banff Springs Hotel is bright with sports frocks, and musical with laughter. Destinies are rearranged over tinkling tea-cups. At night, the lilt of the orchestra puts imps in your feet. Think of 'tween-dances on the promenade, with a tremendous moon frosting the top of Inglismaldie with silver.

In addition to its famous social life, Banff is the paradise of sportsmen. Think of golf, in the shadow of those mighty hills. Or tennis, to the accompaniment of the distant

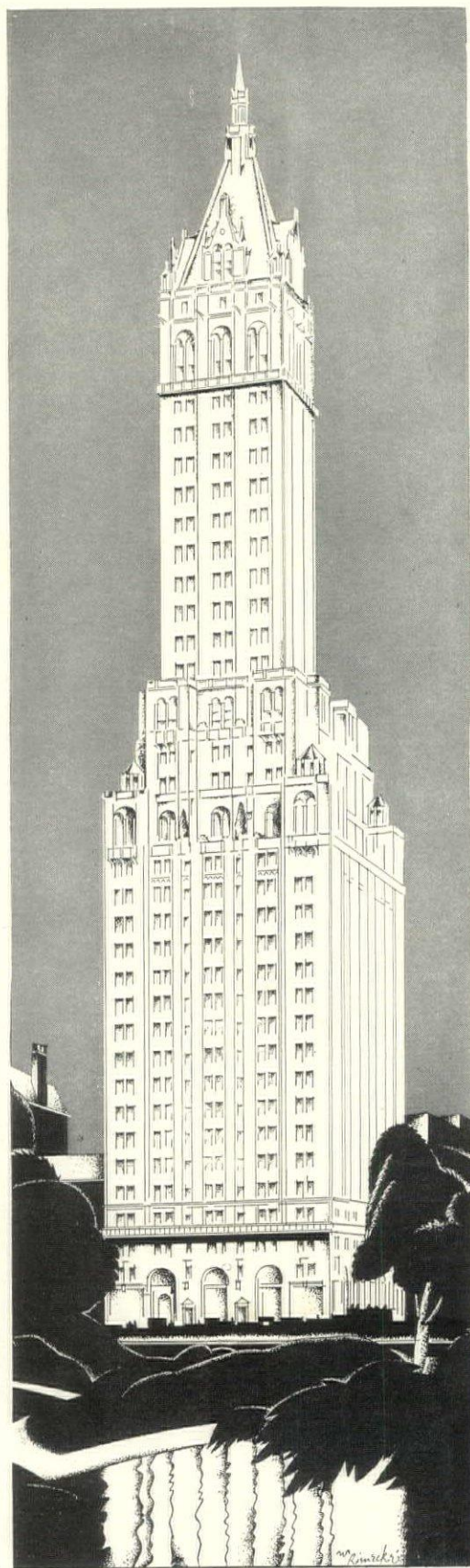
Bow. For the hardy, there is mountain-climbing, with Swiss guides. On lazy days, one can motor along the marvelous Banff-Windermere highway... or to Lake Louise... or motor-boat on blue Minnewanka's glacier-fed waters... or take the three-day circle motor trip.

Banff is also the outfitting point for the mountain trails. You can jog off for the afternoon on a wise trail-horse that takes care of you like a mother. The Annual Trail Ride gathers here—this year the riders will ride to Mt. Assiniboine, 11,860 ft., and hold the Pow-Wow on Simpson Pass.

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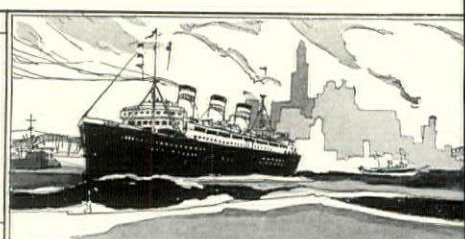
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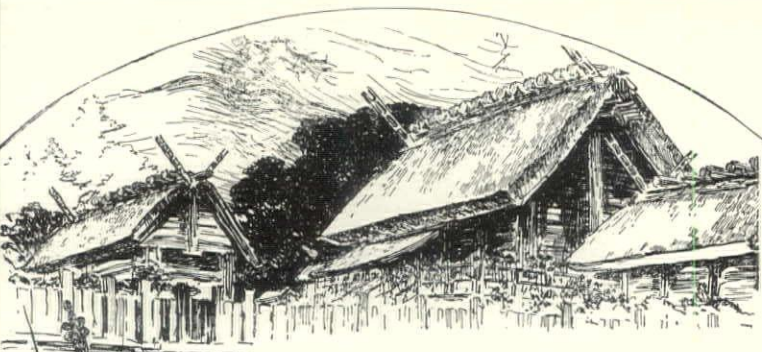
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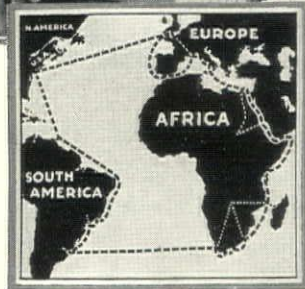
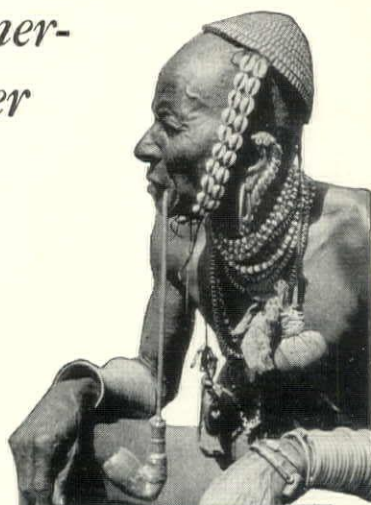
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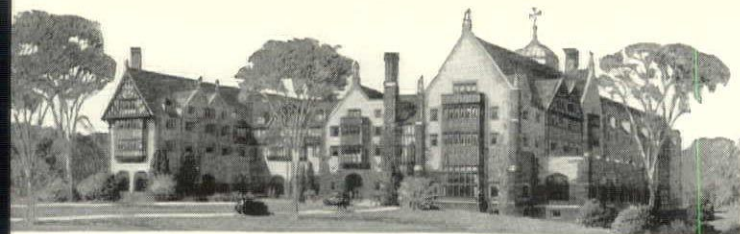
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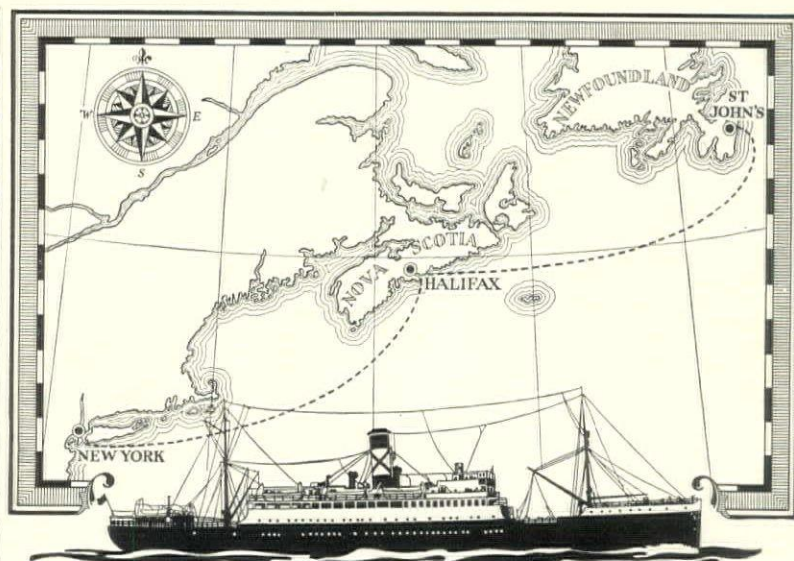


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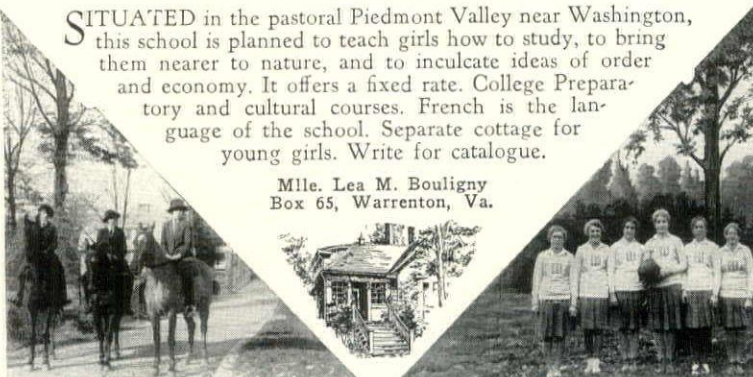
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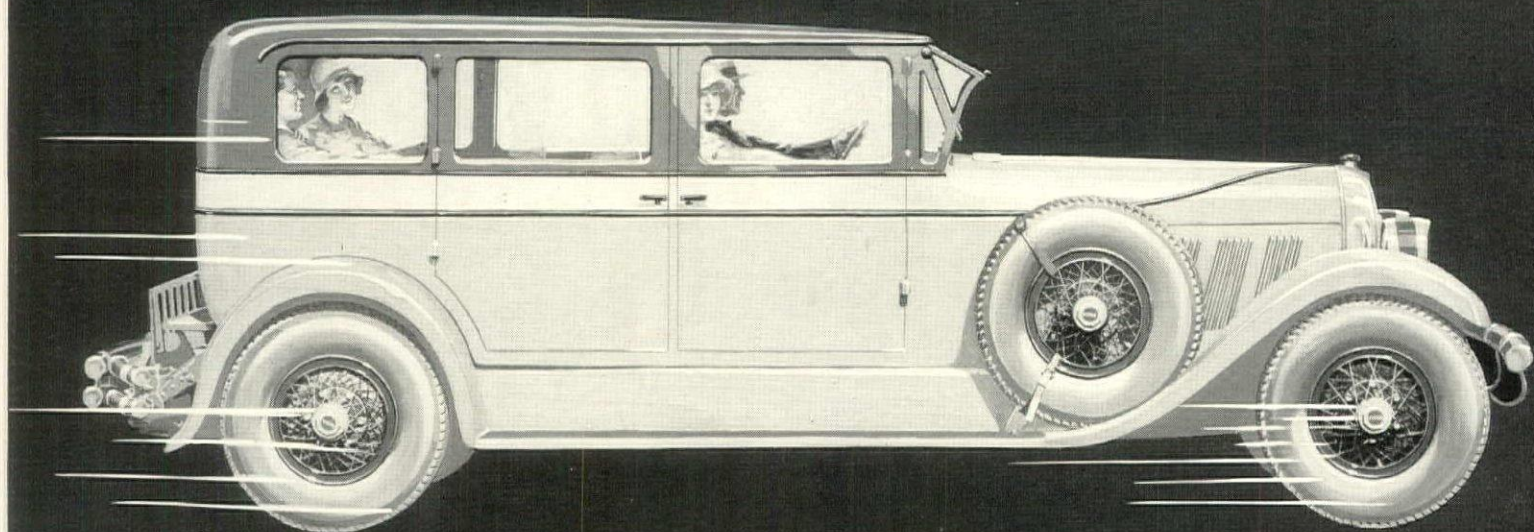
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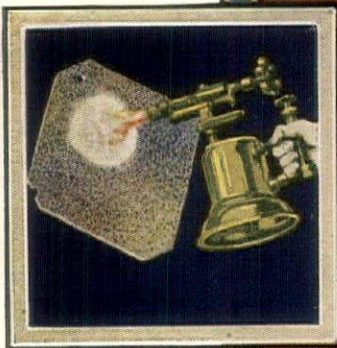
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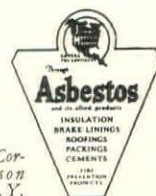
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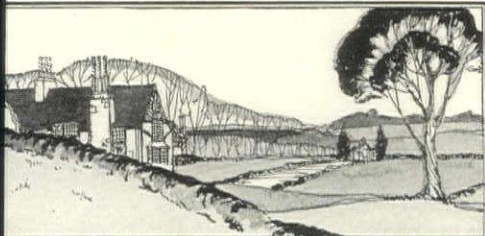
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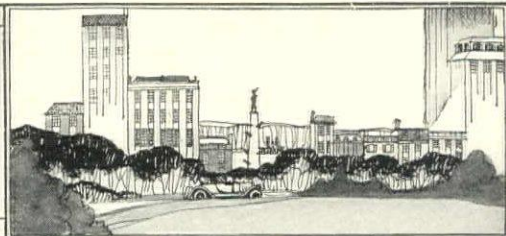
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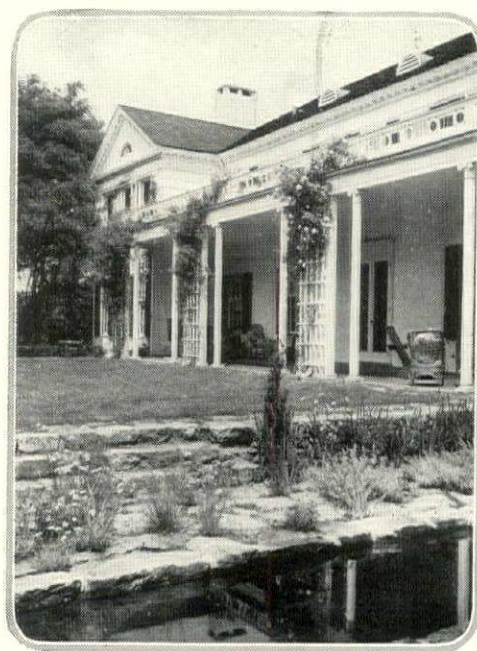


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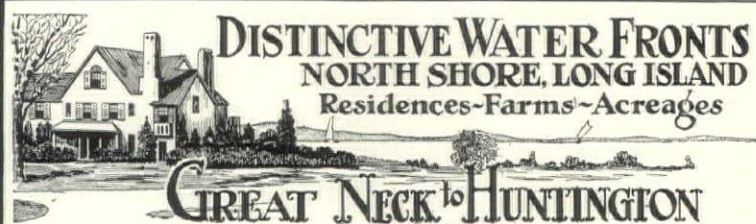
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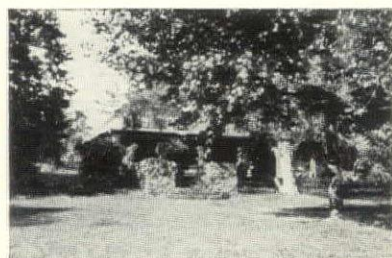
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Another really practical consideration is the amount of food a dog consumes, and the resultant cost of keeping him. A canine giant like a Great Dane will eat enough at a single meal to keep a Peke fat for a week. The wise owner who acts upon the principle of providing first-class food for his dog knows that these variations in the quantity consumed total up an appreciable number of dollars and cents in the course of a year. Worth thinking about, too, is the sort of companion you want your dog to be. Should you wish for one that you can take anywhere—in motor-car, train, town or country—one of the smaller breeds should have the preference, generally speaking.

There is a rather widespread feeling that large dogs are safer and better protectors of children than are the breeds of lesser stature. The origin of this belief perhaps lies in the traditional dependability of the St. Bernard and Newfoundland—well-based, to be sure, but not to be accepted to the exclusion of smaller types. Generalizing, there may be less tendency among the big breeds to snap at children and adults whom they know, but I am not at all sure that this claim can be made where strangers are concerned. It is worth remembering, too, that when a hundred-pound dog does happen to have an ugly streak in his nature, very few fifty-pound children are capable of controlling him.

This whole matter of physical strength deserves a deal more thought than is ordinarily given to it, especially in its relation to the public. One frequently sees powerful, unmannerly dogs on the street in charge of people entirely incapable of managing them by either voice or hand, and the result is an actual public menace. I am not blaming the dogs for this, for, although only a fool would idealize canine nature to the point of asserting that it is never at fault, the owners of these animals are the ones to blame in the majority of cases. No one has a right to take out in public a dog that cannot be safely controlled by command or strength of arm.

As far as bodily protection is concerned, honors are about equal between the giants and the medium-sized class. Some of the large fellows are excellent actual guards, and all of them have a salutary effect on evil-doers just because of their size. An Irish, Bull- or Scottish Terrier, on the other hand, can and will furnish as adequate protection as is likely to be needed.

In considering the question of a dog for protecting the house against burglars and the like, one should first decide whether he wants an animal that will repel with actual violence, or one merely to raise an adequate alarm. For the former purpose a powerful dog is preferred, of course, but for the latter you will do better to pin your faith to something smaller and more high-spirited. The claim has been well made that an active little dog is better able to keep out of an intruder's reach and continue raising a racket than is a big, relatively clumsy animal. As to possession of the watch-dog instinct, it is generally present in all established breeds, regardless of size. The degree to which it is developed depends largely upon the way the individual dog is brought up and trained.

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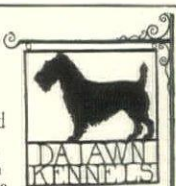
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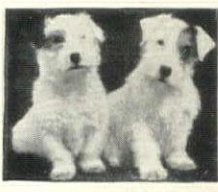
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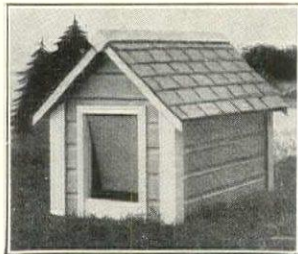


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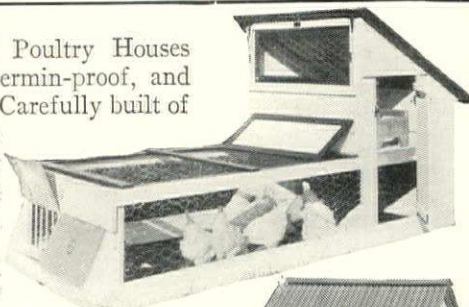
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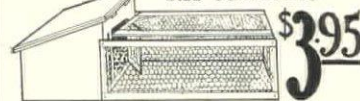
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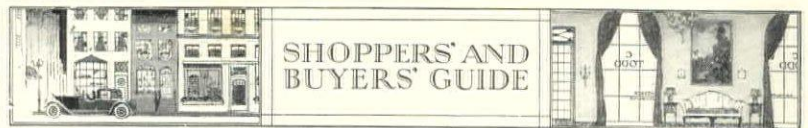
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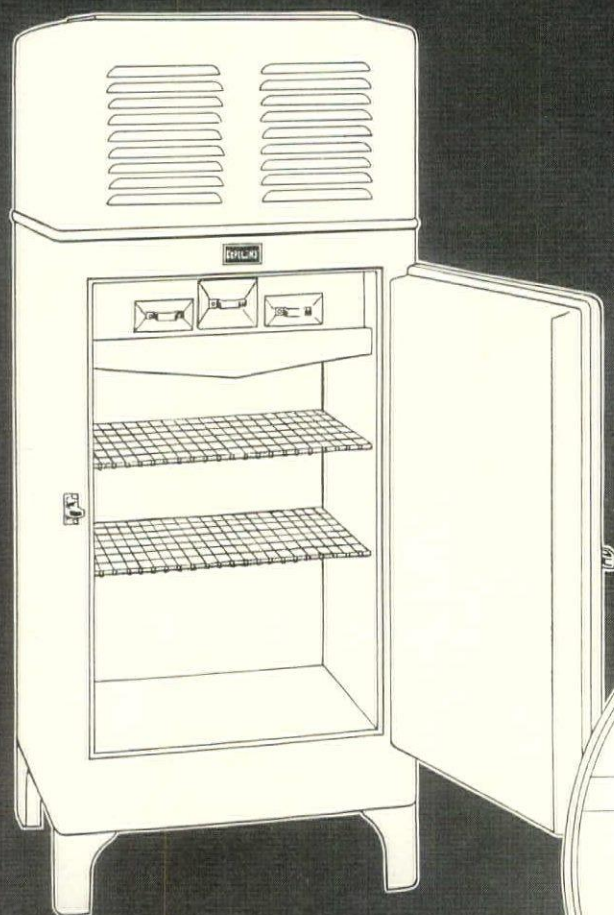
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Please send me, without obligation on my part, your new booklet on Copeland Dependable Electric Refrigeration.

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WERE YOUR WATCH AND YOUR SWEETHEART... BOTH YOUNG TOGETHER?

Up in the attic, in an old dusty trunk, she has hidden the letters you wrote her when you were at college, the dress she wore on that day of days in June, and your boy's first baby shoes . . . treasured keepsakes

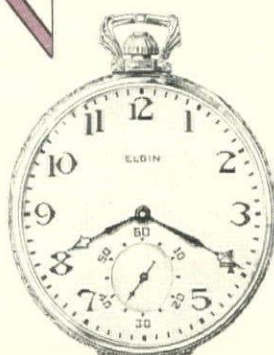
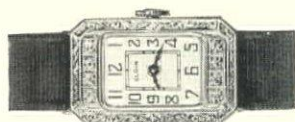
*A watch may never
lose a second yet
be many years slow*

all and for her eyes alone. In your pocket, perhaps, nestles the watch you have carried since the days of "Free Silver" and "Remember the Maine" . . . the good and faithful watch that ticked in time to your heartbeats as a bashful suitor, a nervous bridegroom, a proud young father. You cherish this watch, of course, because of such associations . . . you carry it yet because loyalty merits loyalty. But when you display it in public, your watch often puts a false appraisal upon you. Viewed by critical

eyes, it is anything but an honest reflection of your business and social position. So why not lay that watch away along with her secret keepsakes . . . in the chest of lavender and old lace . . . and know now

the pride and satisfaction that ever come from a modern Elgin Watch? It is an investment you will never regret . . . an investment in good taste, authentic design, unhurried craftsmanship . . . an investment that pays dividends of unerring service, peace of mind, the self-assurance that always correlates the knowledge that your watch is correct and beyond reproach. Elgin is conceded to be the world's standard for integrity, and to such efficiency is wedded exquisite beauty of design.

ELGIN



THE WOMAN'S WRIST WATCH is encased in 18-karat solid white gold, set with diamonds, and priced at . . . \$150.
THE MAN'S WATCH has an engraved case of 14-karat solid white gold and is priced at . . . \$60.

Your jeweler will show these and other Elgins to you gladly. No other watch is offered in so generous an assortment of styles nor at a price range so liberal

NASH

Leads the World in Motor Car Value



The Novel *New* Advanced Six Coupé *with Rumble Seat*

Nash has risen to new heights of body artistry in this smart Coupé with its luxurious aspect of length and lowness, its graceful French-type roof and back, and sweeping rear deck bright with nickel mountings.

Comfort, as well as beauty, is a welcome attraction of this model, for the deep, broad driving seat resembles nothing so much as a big restful davenport.

It is upholstered in fine dark green mohair, heavily tufted. The genuine walnut steering wheel matches the inlaid walnut window panels, the crowned walnut panel above the instrument board, and the walnut finished instrument board. Two further passengers are amply comfortable in the big rumble seat.

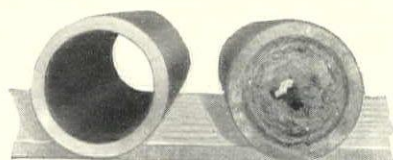
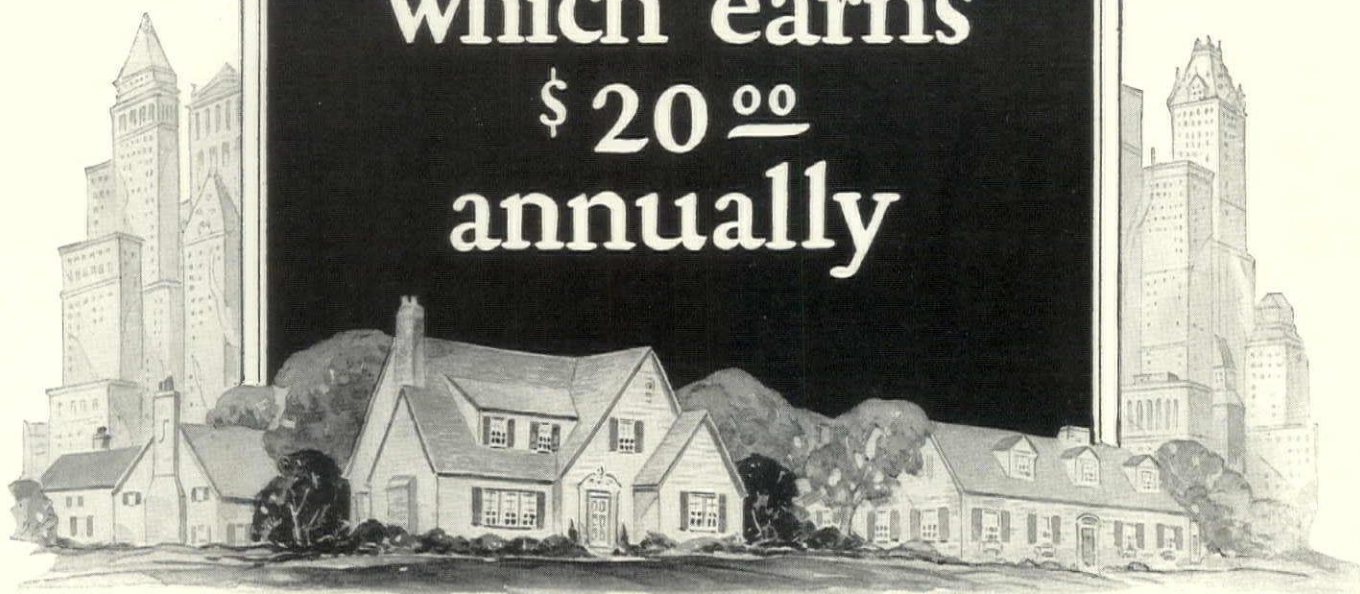
This Coupé is handsomely finished in two harmonizing shades of green—a lighter shade in the hood and body proper including the deck, while the upper body, fenders and running gear are in darker tone.

In the rear of the car, opening on the curb side, is a large compartment under lock and key with plenty of space for luggage and packages.

The rear window looking out on to the rumble seat may be raised or lowered by simply turning an attractive silver finished window lift.

Powered with the big Nash 7-bearing motor—the *world's smoothest type*—the Coupé also offers such features as Watson Stabilators at front, 4-wheel brakes, and 5 disc wheels, and the price is surprisingly moderate.

An Investment of \$75.00 which earns \$20.00 annually



Anaconda Brass Pipe and Iron Pipe after four years of identical service.

The pieces of pipe shown in the illustration were taken from water lines which were installed in the same building at the same time. At the end of four years the brass pipe was, of course, in excellent condition, with no signs of corrosion. The iron pipe was almost entirely clogged with rust and was also badly pitted on the outside.

The labor of removing pipe lines which are built into walls and between floors, is expensive. To install iron pipe, and then rip it out when rust-clogged, would cost at least \$975 over a period of thirty years. This means that iron pipe would cost approximately \$600 more than Anaconda Brass Pipe over the thirty-year period, or about \$20 more for each year of service.

This is why, on the basis of a conservative estimate, it can be stated that an installation

of Anaconda Brass Pipe earns the home owner \$20 every year on an original investment of \$75.

It pays to rust-proof the entire house

Substantially the same high rate of return applies to the total investment necessary to rust-proof the entire house. For the average \$15,000 home it costs only \$450 additional to provide Anaconda Brass Pipe; roof flashings, leaders and gutters of Anaconda Copper; screens of strong rust-proof Anaconda Bronze Wire; and beautiful, serviceable solid brass or bronze hardware.

These rust-proof metals not only earn profits in the form of repair-free service, but they add to the permanent value of the house. On all matters relating to the use of copper, brass and bronze, our "Building Service Department" will be glad to advise you.—The American Brass Company, General Offices, Waterbury, Connecticut.

ANACONDA COPPER

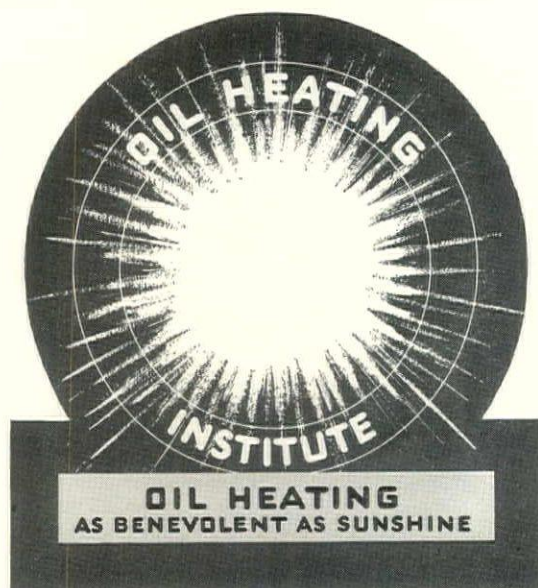
BRASS BRONZE



Copper is a metal that cannot rust. In its pure form it is ductile and easily shaped.

When rigidity and strength are required, Copper is alloyed with Zinc to make Brass, which is harder and resists rust equally well.

In Bronze, various metals are alloyed with Copper to produce strength and high resistance to corrosion for special service conditions.



This is the Emblem of the Oil Heating Institute

It is the symbol of satisfactory public service in oil heating.

Only the manufacturers who are members of the Oil Heating Institute are permitted to use it.

These manufacturers have earned their membership through the enthusiasm of thousands of home owners whom they have provided with efficient and dependable oil heating.

This symbol protects you, and it will be protected, on your behalf, by the Oil Heating Institute.

Today— not tomorrow! Satisfactory Oil Heating Is Here NOW

An important announcement issued to every home owner by the Directors of the Oil Heating Institute. ❧ ❧ ❧

No modern improvement in the home has had such a spontaneous and hearty welcome as oil heating. All agree that it is most beneficial to the health and comfort of every member of the family. Oil heating is automatic and uniform. It is so clean! So healthful! So steady! It more than pays for itself in peace of mind. This modern miracle of home comfort simply antiquates yesterday's crude, untidy, unsanitary, exasperating methods.

Oil Heating Institute Formed in Public Interest

To give the public a full and accurate understanding of the many benefits of oil heating, the Oil Heating Institute was founded. It is composed of leading manufacturers of oil heating equipment who have a combined invested capital of over \$40,000,000. They are well organized, soundly financed and thoroughly qualified in experience, technical skill and manufacturing ability to render permanently satisfactory service to the public.

These manufacturers realize that domestic oil heating is of nation-wide interest and importance. Every one is seeking to learn more about this wonderful home convenience. It is the agreed policy of the members of the Oil Heating Institute to serve the public not only in providing equipment, but in assuring permanent heating satisfaction.

Hence the organization of the Oil Heating Institute, not for profit, but as a central and unbiased bureau for research and information.

Over 500,000 homes now enjoy this proved convenience

The Amazing Growth of Oil Heating

Oil heating has proved even more popular than the automobile. In the tenth year of the automobile industry manufacturers placed \$12,000,000 worth of cars on American roads.

In the tenth year of the oil heating industry, just closed, over \$75,000,000 worth of oil heating equipment was installed in American homes.

During 1926 alone approximately 100,000 homes were equipped with oil heating systems.

It is estimated that 250,000 domestic oil heating systems will be installed during 1927 in order to meet the demand for clean, dependable, automatic oil heating.

The chief activity of the Institute is to serve as a national clearing house for accurate and helpful information on this modern method of heating.

The Oil Heating Institute is fully qualified to guide the betterment of oil heating service.

How the Oil Heating Institute Serves the Public

The Oil Heating Institute offers the public the benefit of the accumulated experience of all its member companies. Working with it are international authorities on oil and oil combustion, specialists in the design and manufacture of oil heating devices, and men trained in the requirements of satisfactory oil heating.

Furthermore, the Oil Heating Institute numbers among its associate members lead-

ing oil companies which are cooperating to deliver furnace oil and fuel oil efficiently and economically.

Leading manufacturers of electrical devices and automatic control equipment are all associate members. They are actively engaged in furnishing the most efficient and up-to-date application of electrical power and automatic operation to oil heating.

This means that these responsible companies, with their technical skill and manufacturing experience, are supporting the efforts of the Institute and its members providing the satisfactory equipment and oil heating service which are now available.

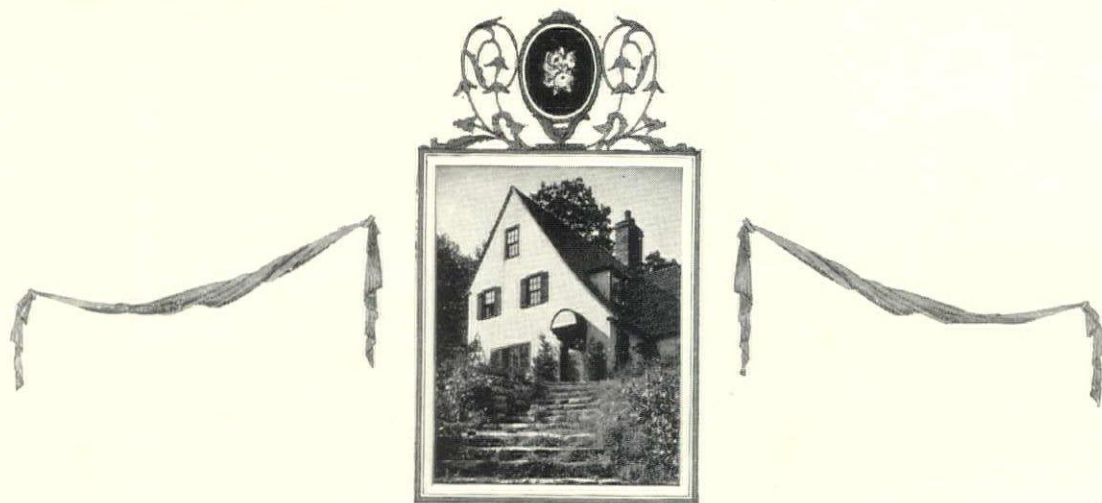
The Oil Heating Institute has prepared non-technical 80-page Book which contains the latest information regarding tested and proved methods of oil heating. This book is written by leading authorities and gives complete instructions for the selection of oil heating equipment. It will be sent to any one who returns this coupon together with ten cents to cover mailing costs.

Send in the Coupon TODAY!

**OIL HEATING
THE MODERN
MIRACLE
OF COMFORT**
*How to select
oil heating
equipment*

THE OIL HEATING INSTITUTE
350 Madison Avenue, New York City
Enclosed find 10 cents (10c) for which please send me, postpaid, your book
entitled "Oil Heating the Modern Miracle of Comfort," containing in-

Name _____ Address _____ City _____ State _____



HOUSE & GARDEN

RICHARDSON WRIGHT, *Editor*

ONE of the generous customs of American railroads is that they issue stop-over tickets. You buy a ticket—a yard or so of it—for San Francisco, and you are allowed to stop over at a half a dozen points of interest. An enterprising magazine is something like that. A year's or a two year's subscription to it brings you to a final destination, but en route you have a constant succession of stop-overs. Each month is a new station and from each new station radiate excursions to this matter of interest and that. All you have to do is to buy your ticket—and the editor is your monthly guide. In this June issue, for example, you are stopping over to see many lovely gardens and their furnishing. Next month you'll stop off at Small Houses. In August the stop is made at household equipment.

This sort of traveling is lots of fun for a while, but after a time it becomes terribly confusing and tiring unless you have familiar faces about you at each excursion. You meet up with people on trains, sympathetic people, and when you come to a point of interest you naturally go along with them. But if it is always strangers, you feel an awkwardness, a shyness, and, somehow, you miss a lot of pleasure.

A magazine must, in addition to furnishing a monthly stop-over of interest, supply its readers with familiar names and faces and topics. You look to see what Mrs. Wilder is writing about this month, or what period of lighting fixtures the Glen Goulds are describing, or how far we have progressed with our study of old American architects.

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All of our readers may not realize it, but a large part of House & Garden's editorial pages each month are occupied by articles of definitely planned series. For some years Mrs. Wilder has been writing her series on rock gardening and Mr. Wilson his on rare trees and shrubs and Mr. Durand on wild flowers. We have series on period lighting fixtures, on color schemes for various kinds of rooms, on styles in furniture and styles in architecture. The collector's series has continued now for ten years, and we've by no means exhausted the subject. In future issues new series will be started, and some of them are hum-dingers!

This sort of editing, makes the difference between the magazine that holds its readers for a long time and the kind that only affords occasional interest. Just as in fiction, readers await the next installment, so in this type of series readers await the next topic. When they have finished a series, they realize that they have covered that subject to a satisfactory and enlightening degree. They feel like people who have made an extensive and interesting journey. Their lives are richer for these new contacts; their tastes are fuller for these excursions into diverse topics. Having once had a taste of such travel, they need very little persuading to start off on the road again.

The ways to get a ticket are as easy as buying a railroad fare. Either you subscribe for a year or so and get a long ticket, or at each station you buy a fare to the next one. You have merely to step up to the nearest news-stand and ask for the latest House & Garden.

VOLUME LI

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THE SPIRIT OF THE GIFT

WITH the gift, however simple, goes the thought of the giver—the spirit of the gift!

Whitman's Chocolates in their time bear messages of infinite meanings. Social conventions permit them when costlier gifts are barred. They "speak a various language."

In our latest achievement we have enclosed a rich and rare assortment of milk chocolates in a package of quiet beauty with the pastoral name of *Bonnybrook*.

A golden box, with designs by Franklin Booth, suggesting the excellence of the chocolates.

Whatever your message or spirit of your gift it will be carried with grace and dignity by

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THE BULLETIN BOARD

THE other day a New York architect remarked that one of the hardest things to design was a good small house. A large house gives him elbow room; he can spread his wings of inspiration—and expense. But a small house requires the greatest concentration. It is a problem set within narrow limits. There are thousands of small houses scattered over this land, but the ones that are really good—good in architectural design and good in room arrangement—are not so numerous. Out of this select group we have chosen six to show in the July number. One is of stucco and stone, two of clapboard in the Colonial style, one of stained shingles in the English cottage style, one in stucco and half timber, and the sixth a Dutch Colonial design in stone.

Continuing the small house idea (for to this subject the issue is dedicated) an article will demonstrate the saving of space in a small house. Pages will show doorways. Color schemes are suggested for small rooms. A little garden is pictured and described, and three pages show small garden corners in Victoria, B. C.

Of the other pages, we can only give a hint—the series of period lighting fixtures and Federal Furniture continue; Thomas Jefferson and Bullfinch find a place in the roster we are running of early American architects. The little Portfolio is devoted to bedrooms. The Collector's article describes Staffordshire dogs. Thomas Adams of the Sage Foundation describes his plans for the ideal growth of a town. Mrs. Wilder and Mr. Wilson continue their garden contributions.



BROWSING around here and there in the gardening world, we pick up interesting bits of news. The bulb situation in Holland, for example. Many excellent and uncommon kinds of Tulips that hitherto were high priced will come to us this year at an amazing reduction. Here is an excellent chance to plunge on Tulips. . . . Then there are the little thumb pots made of compressed peat moss. Put your seedling in the pot, and the roots penetrate it. When the plant is big enough to set out, you plant pot and all. Gradually the pot disintegrates—and around the roots is an abundance of food and moisture-holding peat moss. . . . The third item is the plant forcers made of waxed paper that a bright Californian discovered. A funnel of paper, this, and you put it over the plant, slit the sides for ventilation—and the heat of the sun working through the paper forces the plant.



AMIGHTY tree has fallen—a tree whose roots went deep into the soil of America and whose head touched the skies and watched the farther spaces of the heavens. Hereafter, whenever men speak of trees in this country, whenever they search for tree lore, they will remember this forest giant—Charles Sprague Sargeant. He lived to stand under the towering shade of trees that he had raised from seed. From the far corners of the

world he brought specimens and made them thrive in the rugged climate of New England. He has gone, full of labors and honors justly won.



WE have been wondering, ever since we revisited it after fifteen years, just what made San Francisco such a sad city. She seems like an old woman who has lived through a glorious past and a great tragedy—and now sits on her seven hills and looks out upon the progress going on around her with a strange gaze of bewilderment.

There was a time—before the earthquake—when San Francisco stood apart from the other cities of America. In those days, there were three cities where men and women knew how to play—New York, New Orleans and San Francisco. Today the laughter of the old San Francisco seems to be swallowed up in the noise of material progress. Her gentle hillsides are being carved into subdivisions—and very good developments some of them are. Her tall buildings reach farther and farther into the sky. Traffic clogs her streets the way it does in all other American cities. True, under John McLaren, she has fashioned parks that are the envy of the world; true she has tamed her colorful wickedness until Pacific Street is like the shambles of a forest after a camp meeting, and Chinatown, even during its New Year, acts with the stiff decorum of a reformed drunkard. San Francisco is clean and orderly and prospering—but at a terrific price, for she has lost her bloom. She has just become another efficient, go-getting American town.

It would be interesting to speculate just what Prohibition has done to American cities. San Francisco is an example. The play that once was open and free and light-hearted is secretive now and hid behind doors. Good eating has become a memory for the older inhabitants to tell their grandchildren. Meantime material progress goes on apace. The city has acquired the wrinkles that come with that sort of effort. Standing on her hills and gazing down upon this tremendous striving and urging toward material prosperity, one wonders: Is it worth it?



OLD DOC LEMMON SAYS,—“‘Roses’? I tell ye, neighbor, the garden wouldn't never be quite the same place ag'in, if I ever hed to give 'em up. Somehow, they allus mean June to me—fresh mornin's with a heavy dew layin' on the lawn an' the sun comin' level 'tween the trunks o' the trees; noontimes, warm an' bright an' dancin' with butterflies; still evenin's when the robins an' wood-thrushes sing kind o' ca'm-like an' the smell o' fresh cut grass an' flowers fills all the chinks in the air.

“It's then that ye find out whether a flower has a soul into it or not; an' the minute ye look down into the folds of a Rose's petals ye know ye don't hev to hunt no further to git an answer. There's somethin' there that sort o' spells home an' contentment an' real friendship. Mebbe I'm wrong, but I cale'late them three things is a purty good foundation on which to build the kind o' soul thet God meant human bein's to hev.”

THE vendor of wild flowers has appeared on our streets and the time has come when brigands go out in motor cars to despoil our forests and meadows. Each year we witness this, and each year the wild flowers grow scarcer. Eventually our pageant of rare wild flowers will be halted altogether by these despoilers.

Some of our flowers multiply so rapidly that they may be picked freely such as our common blue Violet, the Buttercup, the Daisy, while to pick the Trillium is almost certain death to the plant. The same is true of the Pink Ladyslipper or Moccasin Flower and to pick the Mayflower, our exquisite Trailing Arbutus, with long stems is like cutting off the limbs of a fruit tree to obtain the fruit.

Some of the more progressive States have passed laws to protect the wild flowers. New York, Connecticut, Vermont, Florida, California and most recently Oregon are among the States which have passed legislation on the preservation of plant life, almost as rigid as that passed on the protection of wild animals. If the public could be educated to follow certain rules there would be no need for legislation. Therefore, regard the following:

Pick flowers sparingly, always leaving some to mature their seeds. Refrain from picking the Mayflower, the Trillium, the Pink Ladyslipper, or Moccasin Flower and all native orchids. Discourage all vendors of these flowers by refusing to buy anything whatever from those who sell them.



IN their search for inspiration American architects have gone far afield and plunged deep into the past. Of these recent revivals one of the most interesting is the application of Mayan art to modern problems. You find it used recently in buildings in Los Angeles and one of its experimenters is Stiles O. Clements.

The Maya civilization of Mexico and Central America is a rich field that has barely been scratched. It belongs essentially to a Stone Age culture. In sculpture, pottery, painting and the decoration of building, the design is very ornate. This civilization seems to have started in what is now British Honduras and spread north into Mexico. For some unknown reason early Maya culture met an abrupt end in the 4th Century, A. D., and the sites became deserted. From the recently uncovered centers of Maya, Toltec and Aztec art is now being drawn this vigorous inspiration.



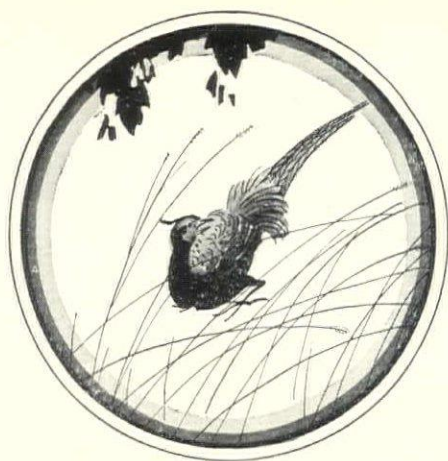
LIKE the American Rose Society, the American Iris Society is advancing its work for its favorite flower with amazing speed and intelligence. Under the direction of Dr. A. B. Stout of the New York Botanical Garden research work in Iris breeding is being pursued. The Brooklyn Botanical Garden is studying the Japanese Iris. The Missouri Botanical Garden is putting in a new Iris Test Garden and at Cornell this year Dr. A. H. Wright will work on dwarf Iris. Concentrated effort of this sort amply justifies the existence of the American Iris Society and consequently deserves the support of all those to whom this flower is a joy forever.



Moulia

SHADOWS IN GARDEN DESIGN

So strong can be the sunlight in California that garden shadows are crisp and definite; indeed, in designing a garden for the Coast, one must always take into account these sharp definitions. This splendid example is found in St. Francis Wood, a new and carefully developed suburb of San Francisco



QUIET GARDENS IN THE NORTHWEST

Two Examples from Seattle Which Illustrate What Can Be Done

With Good Architecture and Landscaping

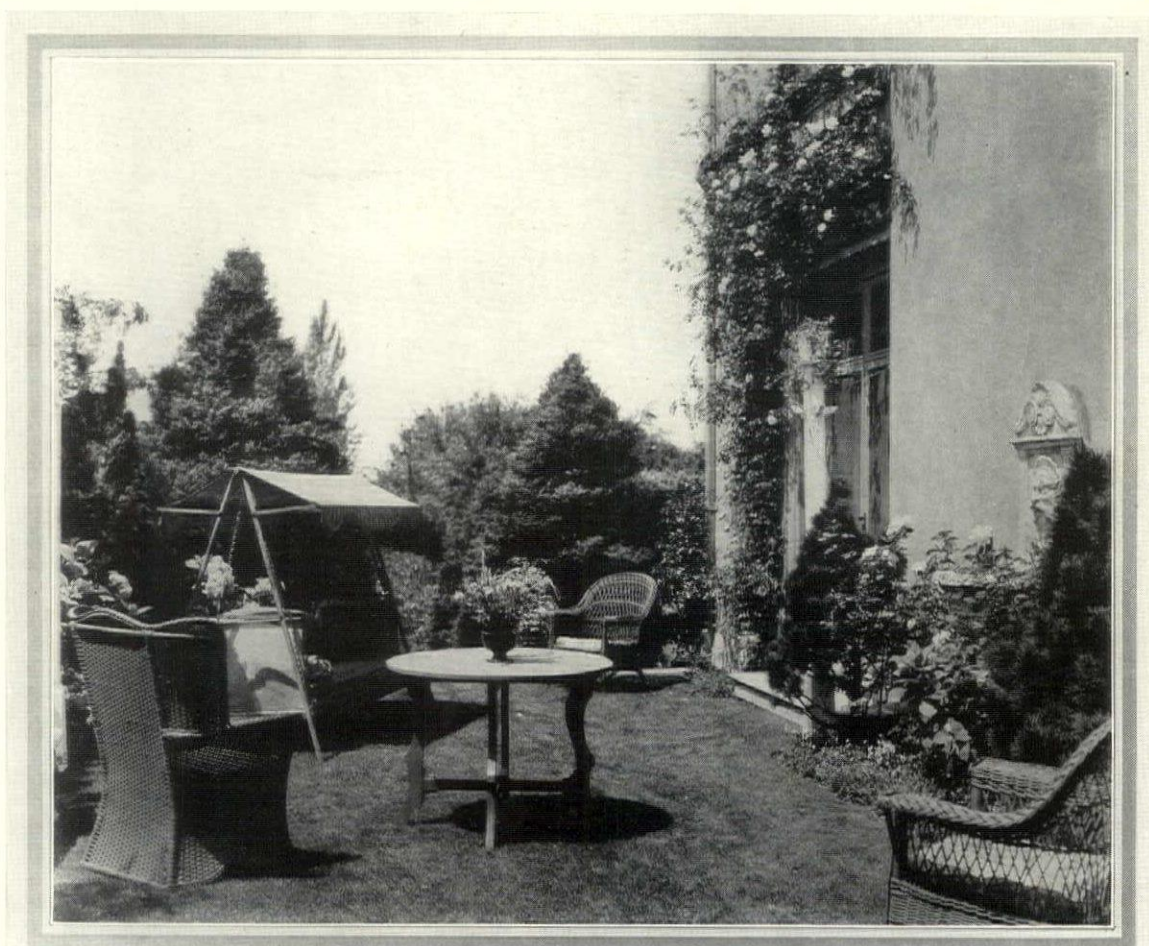
MRS. JOHN CARROLL PERKINS

ONE of the most significant and salutary evidences of a finer civilization in our country today is found in the rapidly multiplying number of charming houses and gardens. Whether in the country or within the more restricted areas of the city, we can see a growing appreciation of the need and desire for an open-air living room, a place of quiet beauty; in other words, a garden.

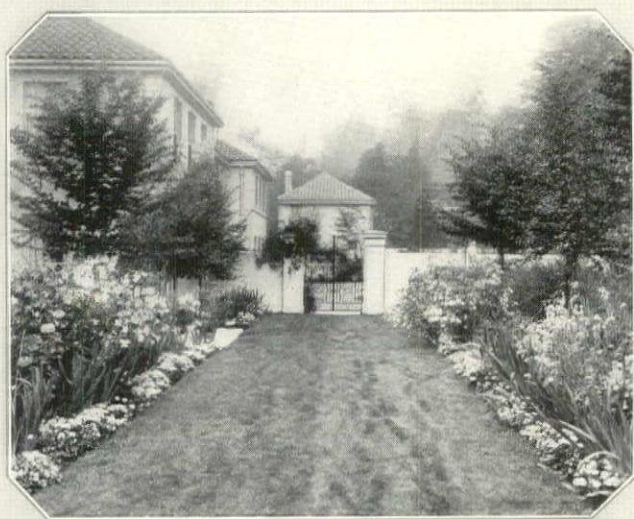
In Western Oregon and Washington the mild winters, combined with a moist atmosphere and an absence of sudden

changes in temperature afford exceptional climatic conditions for the growth of a great variety of trees, shrubs, and plants. Besides the noble evergreens, Douglas Firs, Cedars and Hemlocks, Holly, Laurel, Yew and Box, beloved by gardeners everywhere, grow as easily as Privet and Barberries elsewhere. In sheltered gardens, *Daphne odora*, *Choisya ternata* and Camellias suggest sub-tropical luxuriance; while Roses gladden the gardens until Christmas, and the spring pageant gets an early start upon its radiant pathway of life and color.

Seattle is built upon land that rises tier upon tier above the waters of Elliott Bay and Puget Sound; the business and residential districts commingle. Two large lakes, Union and Washington, cut into and through the broken elevation of the city. In every direction one may look upon a wide expanse of water, whether towards the eastern limits of the city with Lake Washington and the Cascade Mountains beyond, or westward where Puget Sound fades into the snowy peaks of the Olympics. Dominating all, "the mountain", Mt.



At the left of the entrance to Richard Dwight Merrill's house lies a small grass terrace, inviting with comfortable furniture and pleasant garden atmosphere



(Top) The reverse of the view on the opposite page discloses the Italian villa type house, pink walled and tile roofed. The whole composition is in perfect accord with its hillside setting and the forest which surrounds it

(Left) Up the steps which show in the picture at the top of the page lies a broad tapis vert flanked by Hawthorn trees and flower borders. One end terminates in a finely wrought gate, while a well-head marks the other

From the drawing room one steps out upon a paved terrace suggestive of its Italian prototype. Here shrubs and flowers occupy four square beds, with dwarf flowers here and there in crevices purposely left in the paving



Webster & Stevens

Within the walls of the Ballinger garden is a successful blending of formal design and friendliness. The blue lining of the central pool is echoed in the potted Hydrangeas and set off by the contrasting tones of the red bricked walks

Rainier, lifts its majestic dome into the sky where its heights rest in the ethereal calm of heaven itself. Surrounded with such transcendent natural beauty, how can one do less than build gardens that shall be worthy of such a setting!

The pictures on these pages represent a garden in the city, the residence of Mr. and Mrs. Richard Dwight Merrill; and that of Mr. and Mrs. John H. Ballinger at "The Highlands", a residential district about ten miles outside the city.

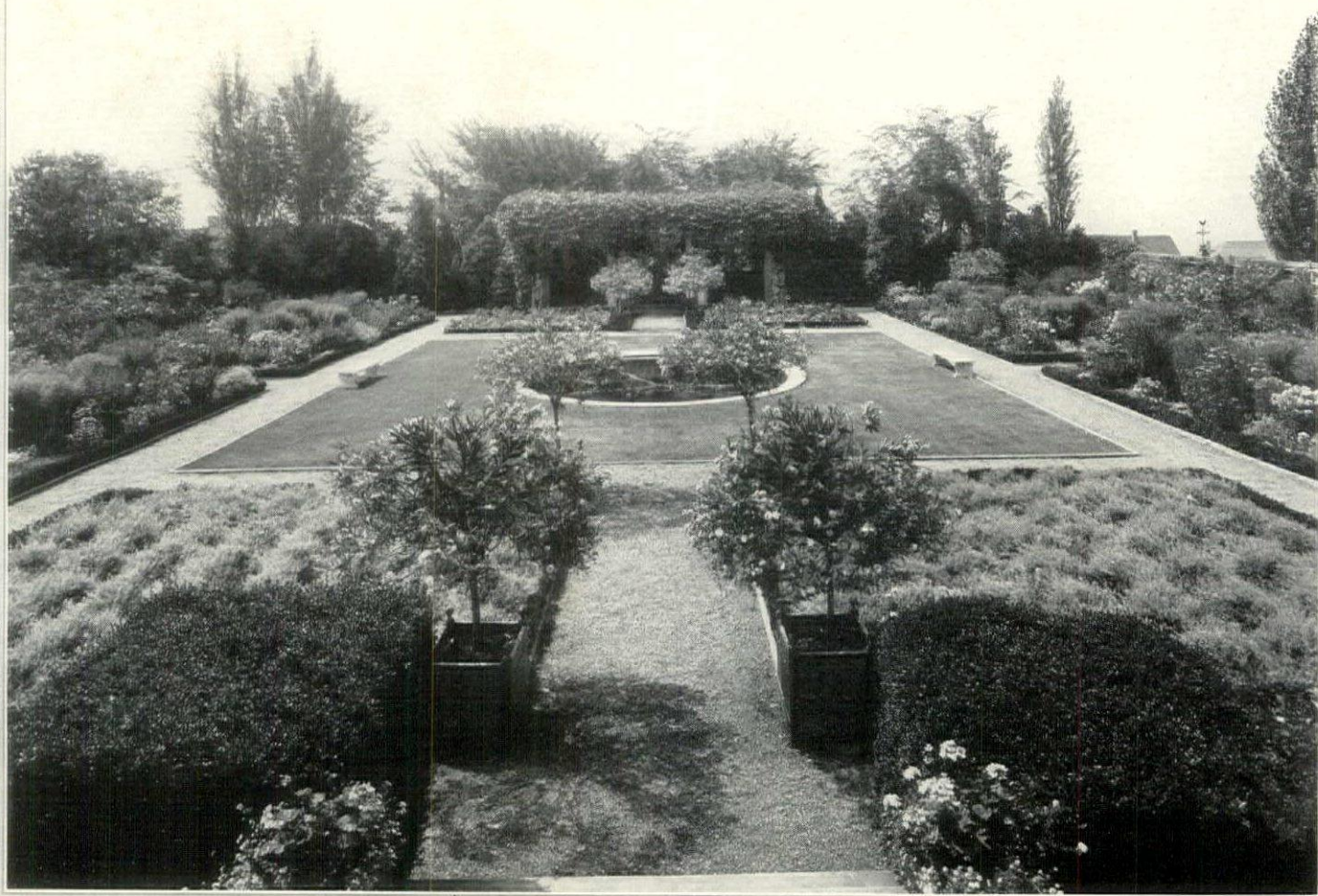
The Merrill house, designed by Charles A. Platt, is placed well back from the street on a deep lot running east and west with a western outlook overlooking the city and beyond to Puget Sound and snow-capped mountains. A high iron fence painted a pleasing shade of light green screens the unbroken stretch of lawn lying between the street and the house. A brick-

paved driveway leads from two entrance gates in a sweeping curve to the charming doorway set in a shallow porch with flanking columns and simple carving and ornamentation. Two tall Irish Yews stand either side the doors, beyond which the foundation planting of Rhododendrons, Laurel, Mahonia, Daphne and Box emphasizes the wise use and architectural quality of evergreen shrubs carefully selected for their glistening surfaces and fine textured quality. Contrast and color is provided by climbing Roses swinging their long flowery canes to the second-story windows; and the delicate tracery of Ampelopsis against the gray wall of the house, as well as the flower-box with its gay pink Geraniums and Marguerites, and the feathery green Rose sprays above the doorway.

A narrow opening in the shrubbery concealed by dense foliage discloses a path

that leads on the left to a small grass-carpeted terrace, approached also through French doors from the drawing room. What an atmosphere of gracious welcome such a quiet little garden offers! Here we pause enjoying the beauty of the Roses that toss their fragrant garlands over the doorway; and admire the wall fountain against the house, and the shaft with its trailing creepers, evidences of the artistic treatment of details that counts for so much in any carefully planned garden.

From a narrow brick-paved terrace extending the entire width of the house, furnished with benches and ornamental jars, and boxes filled with flowers, one enters the garden lying at a lower level. Once in the garden one is immediately aware of the harmonious blending of house and garden; each belonging to the other. The architectural character of the house gives the



Weoster & Stevens

From a brick-paved terrace which extends the entire width of the Merrill house and is furnished with benches, ornamental jars and flower boxes, one looks down upon a garden of quiet and restrained beauty. Beyond, the view spreads far

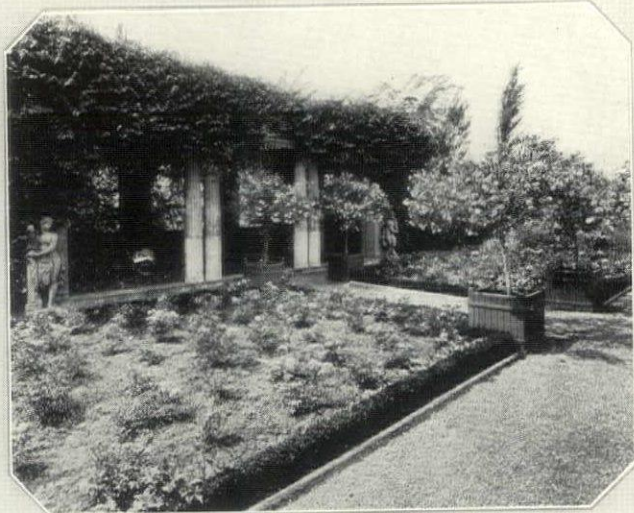
key-note for the plan and design of the garden. Infinite variety in the planting constitutes the ornamentation and decoration. But the restrained, restful beauty of straight lines, good proportion, balance and rhythm is never confused or obliterated. A round pool like a huge mirror lies in the middle of a square panel of greenest turf. Four Box-bordered beds of flowers occupy the space between the house and the colonnaded loggia terminating the main axis. The twelve beautiful Oleander trees in green painted tubs, placed at the intersection of the pathways and at the entrance to the garden house, are a dominating and highly decorative feature of the garden. In late July the exquisite deep pink buds burst into bloom and flaunt their pink loveliness against the midsummer sky, in charming contrast to the low-lying clouds of gray and lavender Nepeta beneath them.

Here is a garden of ever-changing beauty wherein each season brings life and color and fresh interest.

A short motor run from Seattle brings one to the country club and "The Highlands", that district lying north of the city where on the steeply-wooded slopes above the Sound is situated a group of country houses in what is virtually a private residential park. It would be hard to imagine more delightful building sites, overlooking the water where the bay merges into the far reaches of Puget Sound with its picturesque distant islands bathed in misty blue and green and merging into the lower slopes of the Olympic Mountains whose snow-white peaks are outlined against the horizon. Let the reader try to visualize this glorious setting of sea and mountain in looking at the pictures of Mr. and Mrs. Ballinger's house and garden.

Built in the style of an Italian villa, the house consists of a main façade with two wings situated on a steep hillside approached by a short avenue at a lower level than the main highway, which threads its way along the curving shores high above the water through the splendid forest, breathing the spirit of a primeval age in its towering Firs and Cedars, "standing like untiring guardians of the land." Turning off the main highway one enters a paved enclosure which leads to the spacious forecourt where the drive divides, making a wide sweep around a large oval of turf.

Either side the entrance is a finely balanced grouping of evergreen trees and shrubs. Ornamental terra cotta pots are placed on the grass plot as well as at the approach to the doorway. The beautiful simplicity of the architect—
(Continued on page 112)



(Top) Mr. Merrill's garden is at a lower level than the house yet seems an integral part of the whole design. Among its dominating features are tubbed Oleander trees as accent points at the path intersections

The loggia, from which the view at the top of the page was taken, terminates the garden's main axis. Its densely vined roof and cool paved floor, breeze-swept, provide a restful place of comfort on summer days

In the center of a square turf panel a round pool lies like a great mirror. Around the walks are four Box-bordered flower beds and two long borders which, with the background planting, tie in the whole design

THE HOUSES ACROSS THE WAY

To Those Who Own a House and a Garden Traveling

Is a Necessary and Fruitful Habit

JUST about this time of year we witness the annual migration of Americans to Europe. Stand on any wharf anywhere and watch them mount the gangplank. All sorts and conditions of people. All sorts of purposes in their minds. Off on business, off on a holiday. Off to visit the houses across the way.

Reduce the world to the small town it is, and you find that the same reasons which cause people to cross Main Street and visit their neighbors is causing them to leave their homes here and go abroad. A change of environment, a curiosity to see how those neighbors live and work and play, and to join in that life or that labor or that amusement, to acquire some of the neighbors' tastes and some of the things they make differently from us—these, in the main, are why each year thousands gleefully mount the gangplanks of steamers or the platforms of pullmans.

There is a notion abroad that Americans travel to find relief from the repressive legislation that confines their personal habits. This may be true of some, but in the majority of cases, the purpose of our traveling is much more to satisfy our curiosity than to satisfy our thirst. Apart from the great cities where hundreds of people are swarmed into apartments, Americans are a race of home-owners. The majority of those people who can afford to travel can also afford to own their own homes, furnish them with taste and surround them with gardens of which they may be proud. Why should such people ever leave them? So that these homes and their lives in them can be richer.

IF you are a poetic soul or totally without responsibilities (such people are rare indeed) you may be a rover, without purpose, one to whom the winding roads of the world offer all the inducement needed. But if you are like the majority of us, you travel with a purpose. You start forth definitely to see and acquire certain things, just as you cross town to call on Mrs. So-and-So who has a new dress, or a new book or a new house or a new flower to show you, or who is giving a party in which she wants you to join.

It would be interesting to stand at the head of a gangplank and question the people going aboard. The purposes of their travel are vaguely stated on their passports—business or pleasure—but a moment's chat would reveal that some very definite purposes impelled these people. One goes to buy frocks in Paris, one goes to see the Tulips blooming in Holland, one has never seen the Alps and is traveling to Switzerland to satisfy that curiosity. One plans to build a house, and is going to see what the houses are like in England or France or Italy or Spain. One is a collector and goes to find more chairs or more pictures to add to that collection.

Most of us travel to find a reflection of our own tastes. The woman who is interested in decoration, the man in architecture or gardens, the collector in bibelots—wherever traveling leads them each of these is lured on by the same kinds of interests that delight

them at home. And the greatest joy they acquire from traveling, the most satisfactory days of the trip, are those in which their own interests are stimulated and broadened.

IN the few words allotted to this page, it would be difficult to map out world tours for people whose interests are houses and gardens, but we can suggest a few hints. We have yet to find a house or a garden into which we could not enter if we went properly introduced. Abroad these introductions are necessary. The average tourist agency will lead you to some points of universal interest, but for the special places such as gardens, you make special plans. Those eager to see the great private gardens of England apply to the English Speaking Union, Trafalgar Building, Charing Cross, London; in France application is made to *Bienvenue Français*, 33 Faubourg St. Honoré, Paris; in Italy apply to the Library for American Studies, Palazzo Salviati, 271 Corso Umberto, Rome. As each year the various gardens change—some are closed for the year and others open—it is impossible to give a list that would apply at all times, but from these sources the roving gardener will find enough to fill his cup of inspiration.

The search for architecture is a more difficult subject to map out. The intending traveler should read up on the architecture of the various districts he is planning to visit, and with this ground work devote a goodly time to each. You can't appreciate architecture if you merely flash by it in a car. Like the Celestial City, you must walk around it and mark its bulwarks. It were better to see half a dozen good English houses well than to skim half a hundred. This custom of skimming is the habit of most travelers. In their greed to see everything of interest they rush from point to point, and at the end of the day very little has etched a definite impression on the mind. To traveling one should apply Benjamin Franklin's advice about eating a meal—so eat that you will always have a little appetite left, so travel that you will always be able to come back to those same places and want to see more.

COLLECTORS, of course, resent being told how and where to go for their finds. True, they appreciate tips and hints, but the real collector is an explorer and a lone explorer at that. There is more fun and pride in one antique or curio happened upon or found by diligent personal search than a dozen bought in the dazzling light of a main and well-chartered thoroughfare. Antique dealers know this, and, with the canniness of their kind, see to it that the collector has a pleasant search. Here again one must restrict his searches. The way to collect antiques is not to collect everything old or curious but to have one or two definite kinds of objects in mind. Read up on those objects, become something of an authority on them; then, armed with this knowledge, you are ready to go forth into the byways of the world and battle with antiquarians.





Wallace

A GRAPE-CANOPIED TERRACE

To those sitting in the shadow of this paved terrace, the autumn days must bring heady perfume, for the roof is canopied by a Grape vine with its grapes in bags awaiting the harvest. This is in the home of W. Griffin Gribbel, at Chestnut Hill, Pa., Robert R. McGoodwin, architect. Other views are shown on pages 98 and 99



Healy

That a successful rock garden can be established in a shady place has been demonstrated at the home of Rodman Wanamaker, Philadelphia. Here, where sunlight filters through the tree canopy only rarely, a wide variety of shrubs and flowers flourishes happily

ROCK GARDENS IN THE SHADE

Contrary to Popular Belief, the Absence of Sunlight Need Be No Bar to Lovely and Varied Plantings

LOUISE BEEBE WILDER

TO many minds the idea of a shaded rock garden seems to present insurmountable difficulties. Continually one hears the plaint, "We have nothing but shade, so there is no use in trying to have a rock garden." And many, thereupon, do not try, or, if they do, too often confine their efforts to the sun-loving Alpines which, quite reasonably, sicken and die under such conditions, leaving discouragement or passive resignation in their wake; and the shaded area is then, more than likely, planted to stolid Rhododendrons or abandoned to rank weeds that know only too well how to take the greatest advantage of its rich possibilities.

Now, this seems quite too bad, as rich possibilities for a very lovely and special kind of rock garden do lie in shade. Of course the ideal rock garden boasts many aspects, but perfect conditions are not always at our command. Furthermore, "Far from the shaded rock garden being a matter to bemoan," says an English writer, "it is an opportunity to be grasped."

It is unfortunate that a skeptical attitude of mind towards shade in the garden has been unintentionally fostered by the compilers of catalogs and the writers of garden books generally, particularly when dealing with rock and Alpine plants. Continually the sun-loving Alpine is extolled

and presented while the plant that loves shadow is given scant if any publicity at all. As a matter of fact there are a vast number of beautiful and desirable plants that will flourish in shaded places, many of which absolutely demand such situations if they are to live in health and display the full quality of their beauty.

For this reason the work of making a successful rock garden in shade must begin in the mind of the builder. That storehouse of visions must be cleared of certain cherished pictures before a groundwork of success may be laid; pictures of sun-baked slopes studded with brilliant small Pinks, heights misty with waving Alpine Poppies,



One of the advantages of a shady garden is the opportunity it offers for cool resting places that blend in with the rocks and plantings. In Mr. Wanamaker's garden at Philadelphia



*Many of the Primrose family thrive in cool, shaded places where the soil is limey and has a tendency toward moistness. The one at the left is the Oxlip, *Primula elatior**

cliffs veiled with the fragrant-leaved plants that drape the hot cliffs above the Mediterranean; all these and many more he must thrust out, and in their places put others of quite different character but in no wise inferior in beauty. Let him see instead green glades presided over by that mysterious beauty, the Pink Ladyslipper, little umbrageous dells radiant with Primroses, mossy, meandering paths that lead past forests of waving Ferns, or grassy slopes starred with constellations of Quaker Ladies; little pools of English Bluebells, slopes flecked all over with Snowdrops among brown leaves, groups of the rarely lovely *Shortia* enthroned beneath a dark Hemlock, many kinds of Orchids, Trilliums and so on. A sense of mystery and of expectation may be contrived in a shadowed garden if it be of some extent, and none

need fear a lack of variety or beauty among the plants. But these must be, as I have before said, genuine shade lovers and not pathetic homesick creatures that will pine and sicken for the light of the sun full upon them; though it is true that shade is often the equivalent of root moisture which makes it possible sometimes for us to keep contented a moisture-loving plant of the sun in a half shaded situation.

There are, however, two kinds of shade to be considered: there is that cool and grateful shade cast by a large rock, or a wall, or a north aspect, or distant trees, where the soil is nearly always pleasantly moist, but seldom acid, and a free circulation of air is assured; and then there is the shade cast by directly overhanging branches. It must be confessed that

(Continued on page 142)

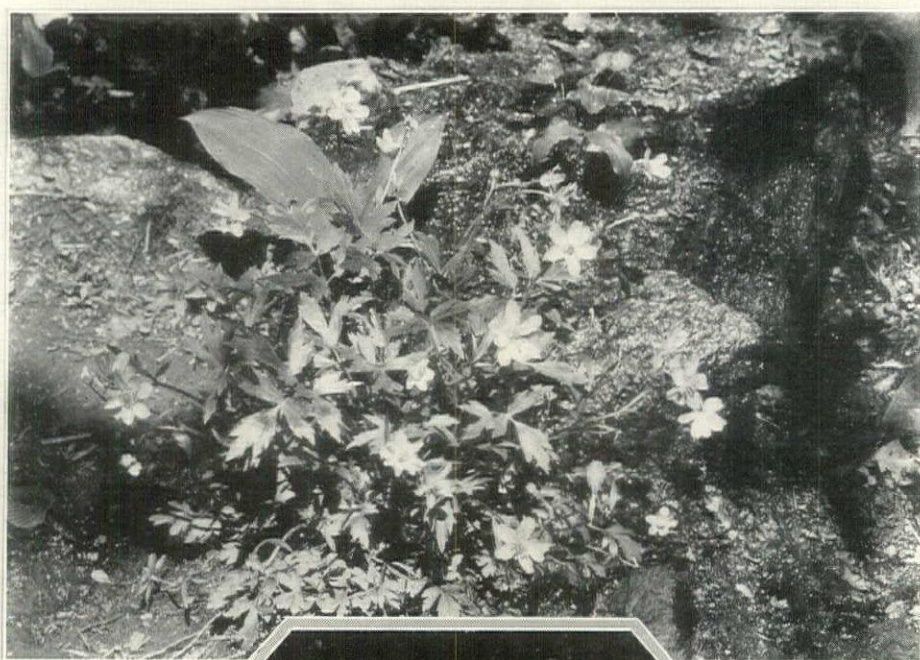
GATHERING FLOWERS

HERBERT DURAND

IN THE June issue of HOUSE & GARDEN, last year, I described the localities in forest, field and swamp where the commoner wild flowers and Ferns are most likely to be found. The plants were listed in groups and the soil, moisture and shade preferences of each group were indicated. This is information which the novice at wild gardening should acquire before starting on a collecting tour.

If the hunt is to be within walking distance of home and the plants can be put in the ground the same day, the working tools required are few. An ordinary market basket, a twenty-five cent all-steel trowel, a pair of old scissors and a copy of the morning paper will suffice. Should the collector, however, be one of those unfortunates who are unable to tell one flower from another, a good wildflower book, of convenient pocket size, with accurate illustrations, should be added for identification purposes.

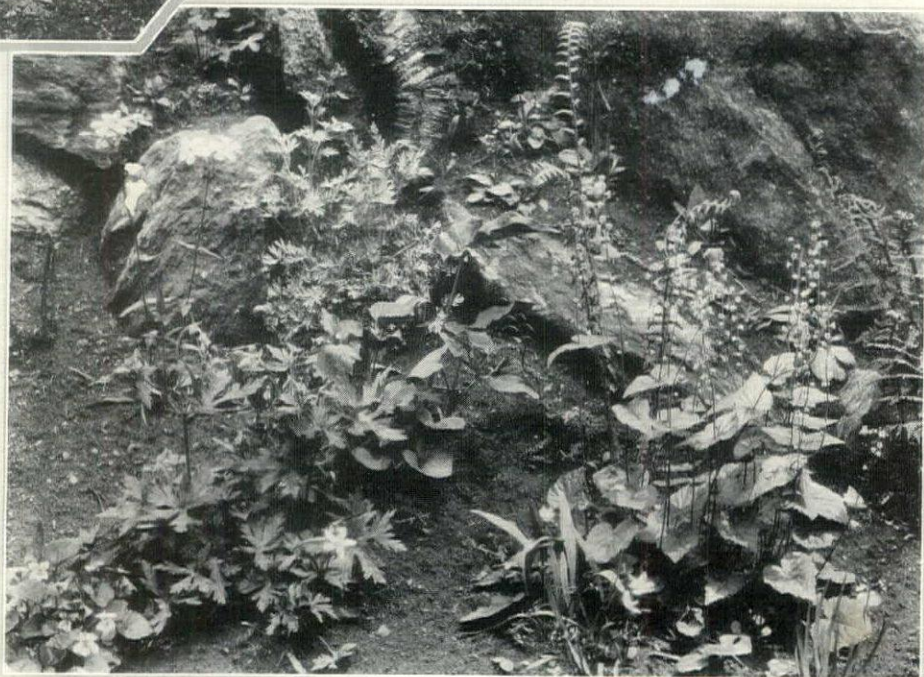
The amateur should bear in mind that the common flowers, those that grow in abundance everywhere, are not only sufficient in themselves to make a very beautiful wild garden, but are the easiest to grow. So, if a rare specimen of difficult culture is encountered, always resist the temptation to dig it. It is a sheer waste of time and energy to take up such fastidious wildings as the Trailing Arbutus, the Painted Trillium, the Twin-Flower or any of the Orchids, even if found where the ax and plow are at their work of devastation,



Four times larger than its former companions in the wild, and with much finer and more numerous blossoms, this transplanted hillside Buttercup illustrates the benefits from good soil and freedom from competition

The native Asters, too, respond cheerfully to the better growing conditions of the wild garden and form sturdy masses which in autumn are alight with rich golds and purples and varying tints of lavender

In a nook among the rocks an early spring composition could consist of Violets, Wild Blue Phlox, Wild Geraniums, Corydalis, Bishopscap, Ferns, Saxifrage and Columbine, with Jack-in-the-Pulpit for variety



TO PLANT IN THE WILD GARDEN

unless their requirements are known and provided for in advance. It is far better to let them live as long as possible in their natural surroundings than to watch them perish miserably in some absolutely uncongenial spot in your garden.

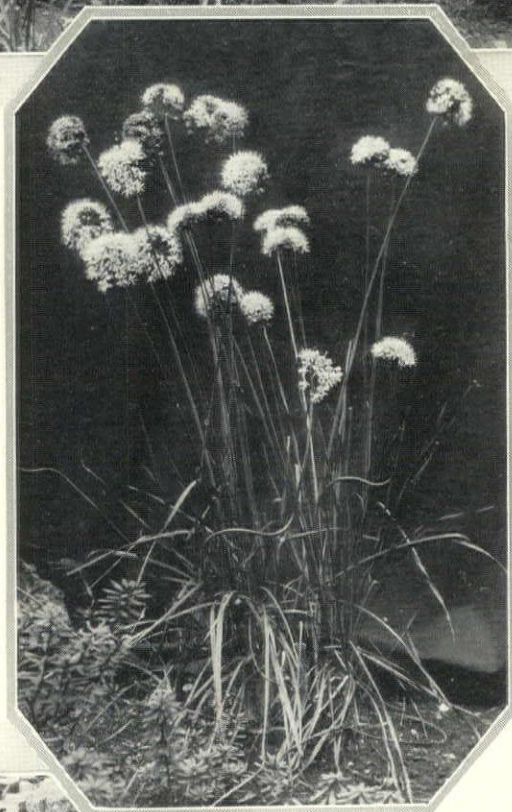
Digging plants in the wild is a simple process if correctly done. The main thing is to get the roots out as nearly intact as possible. I generally clear other growth and rubbish from the surface immediately around the plant so that the soil is exposed. This I loosen to the depth of a trowel blade, take out any stones and plunge in the trowel at such an angle as to get it well underneath the roots. The plant then lifts out easily without injury. It is most desirable to keep some soil on the roots, as doing so prevents their drying out and helps the plant to become quickly established in its new home. Should the soil be so dry or sandy that none of it adheres, be sure to dip the roots in water as soon as you come to a brook or pool, or even a puddle.

Much depends upon preparing the plant and wrapping it so snugly as to keep it fresh by avoiding exposure to air and heat until you are ready to replant it. By preparing, I mean cutting back. This is not necessary with plants dug during early spring, but during the heat of summer it is safer to cut flowering stems to within 2" of the ground, and if any of the leaves begin to droop to cut them in two. If bulbs or tubers are dug before the seed has

(Continued on page 156)



A remarkable transformation often comes to transplanted wildflowers. These two Violet plants are of the same species, the one at the left having been in the author's garden two years, while the other was recently collected



Where there is a place for inconspicuous foliage and rounded flower heads on tall, straight stems the Alliums are worth considering. They are bulbous plants and, strange to relate, wild cousins of the common Onion



In such a spot as this steep bank many of the rock-loving Ferns will make themselves at home, with other sorts which require deeper soil at the foot of the slopes. Ferns are quite easily transplanted and re-established



Portable furniture may be appropriately placed in any part of the garden, especially when it is of metal without extreme features of design. Any desired color note can be introduced in the awning cloth covers

HOSPITALITY IN THE GARDEN

Well Chosen and Properly Located Rest Spots Are Important

Factors in Making the Garden Inviting

NAOMI SWETT and ADOLPH MEYER

OF THE many details comprising the planning of the garden, let not that small but important one—hospitality—be overlooked. Will the garden invite? Will it have a favorite corner, shady or sunny, a sheltered retreat of some sort where a book, a vista or even only a dream may be enjoyed in perfect relaxation?

Not after the garden is finished, but before it is ever begun, should the detail of seats and rest spots be given consideration. The little 50' by 100' city lot is just as available for hospitality as the garden which is located on a large estate.

Privacy and comfort are the first demands of the garden corner that will invite rest. Whether the spot will be in the way of warming sunshine, or under the

protection of a sheltered nook, is a matter of choice. If the grounds are large enough both warmth and protection from too much warmth may be assured by a choice from among many restful spots.

The one controlling factor in the furnishing of the living room garden is its style, for the garden seat must always conform to the architecture of the house. Take a formal Colonial house, and at the end of a straight stepping stone or brick walk build a semi-circular classic colonnade, with graceful classic columns and pergola. Then picture the chaste whiteness of this poetic trysting spot entwined with clambering pink or red Roses which form fragrant masses of color against a background of luxuriant evergreens, flowering trees and

shrubs, perhaps a classic urn here and there containing some choice flowering specimen. Does it not conjure a picture of by-gone days when gentlemen in satin breeches held the yarns for demure white-wigged beauties, hiding their blushes over busily clicking needles?

So far as location of garden seats is concerned, those of stationary character should always be placed in spots offering some sort of seclusion, never in the open lawn, where the portable type of garden furniture is correct.

When the desired firmness of velvety green lawn carpeting has been reached, then opportunity presents itself in bright weather to deck the emerald surface with gay-hued awning striped furnishings; a



table, perhaps, shaded with an inviting big umbrella and surrounded by chairs where luncheon may be served, or, even more alluring, a colorful awning-roofed swinging davenport for an afternoon siesta tinged with warm, sweet scented breezes, songs of the birds and the perfumed fragrance of many flowers.

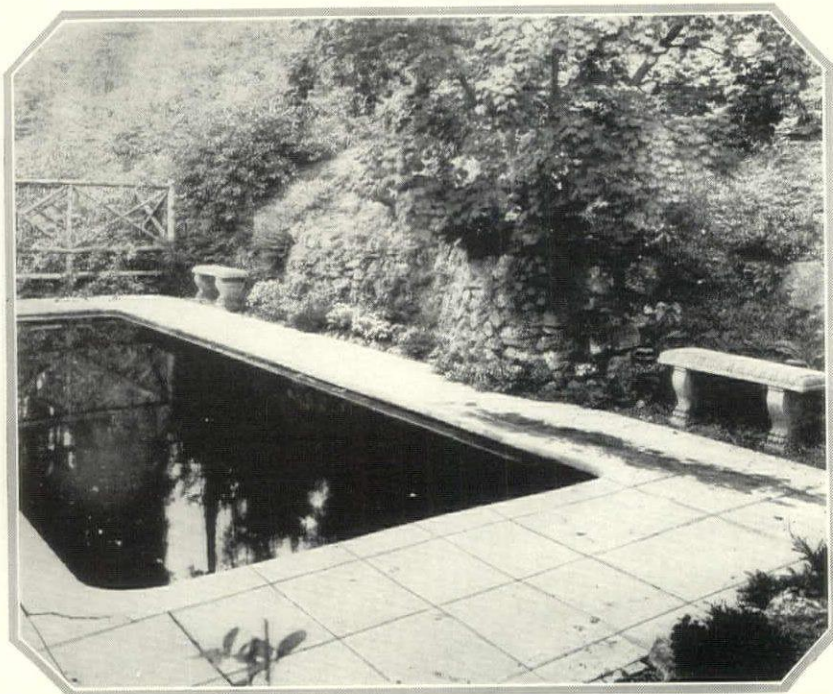
Portable garden furniture may be selected from most interesting offerings of sturdy rustic, split bamboo, plain or gorgeously cretonned willow, reed, wicker or rush fiber, and may be appropriately placed for use in any part of the garden.

The informal garden that blends naturally into woody surroundings may have an inviting seat of old terra cotta breaking the line of a long, irregular foot-path, giving not only an invitation to stop and rest one's feet on the thick carpet of wildflowers beneath it, but also adding an effective touch of picturesque charm to the entire garden picture.

For the large estate, where walks and by-paths lead into natural woodlands, a simple, dignified

A seat built into the rockery is entirely appropriate provided it be constructed of the type of boulder that serves elsewhere in the garden. It must always appear indigenous to its situation

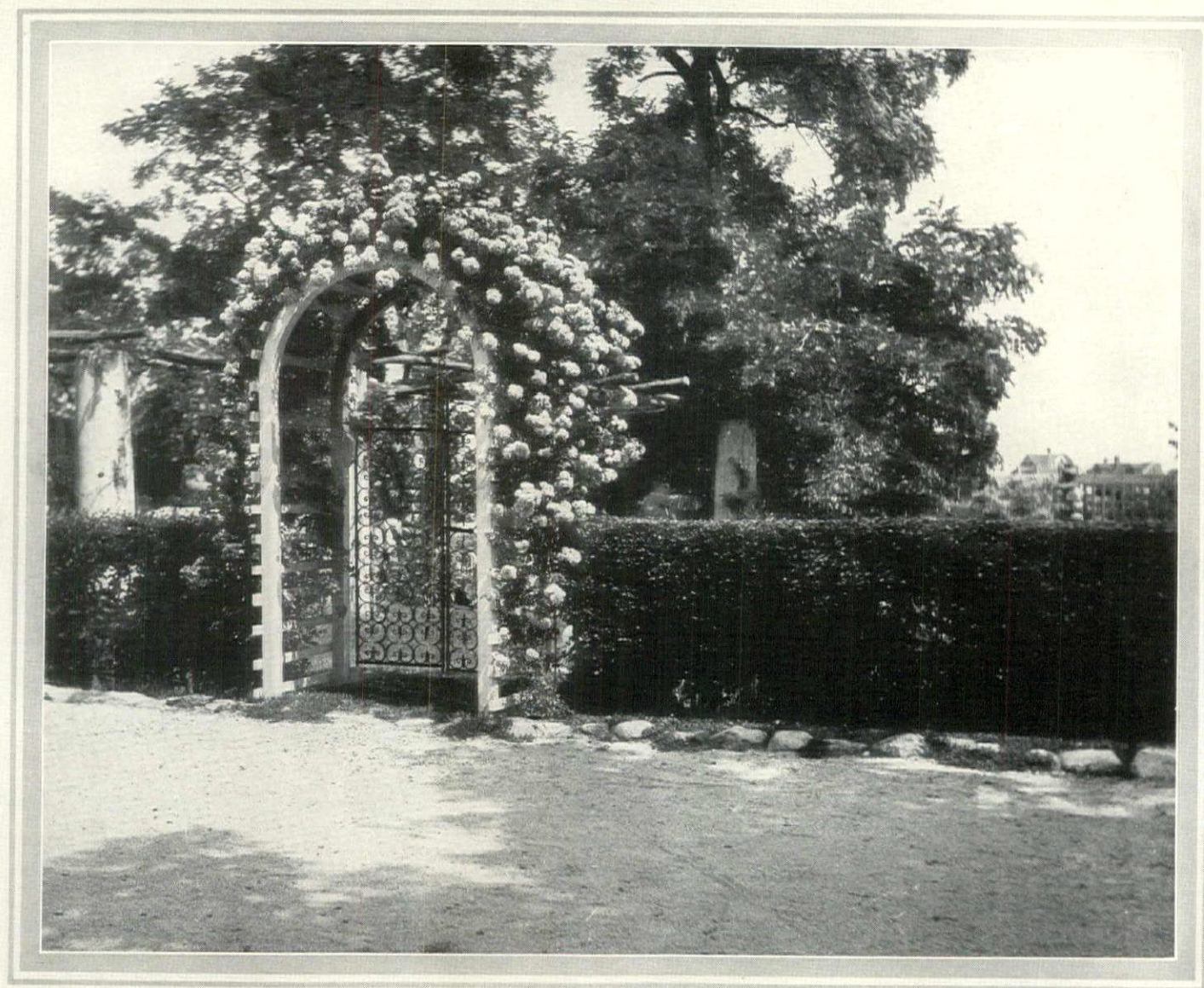
A feeling of unity should characterize the artificial adjuncts of a garden, including the furniture. Thus, a severely plain swimming pool such as this calls for seats of classic type



seat of decorative hewn rock or concrete possesses harmonious grace. Such a seat is displayed in full charm where the natural woods have been disturbed as little as possible—or perhaps not at all, except by little paths winding in and out of the luxuriance of trees and ferns, or additional wildflowers spattered about. And if a few mossy rocks have been carefully placed as a natural refuge for characteristic wild plants, one who finds repose here will feel

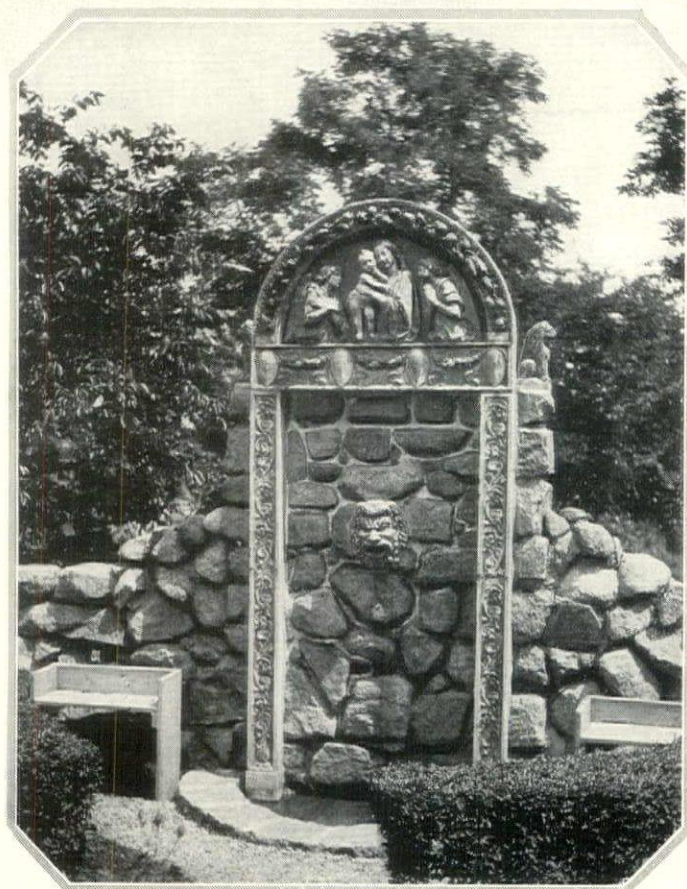
not the slightest consciousness of mother Nature having been thwarted.

Every garden has its "loveliest corner," where an appropriate seat of the permanently built type invites one to linger and while away spare moments in peaceful relaxation. Perhaps it's only a charming view site, perhaps a beloved grouping of favorite perennial flowers and evergreen shrubbery in your own garden or a natural-looking pond afloat with Waterlilies and alive with goldfish; but there's always opportunity—at the outer borders of the main lawn—for the building of a
(Continued on page 170)



Piper

In this country the routine of garden-making is almost becoming a formula, so that when one finds a little garden such as this, its individuality is striking. It is a glimpse of informal Italy set down in the strict orderliness of a New England town



A fine wrought iron gate under an arch of crimson and pink Ramblers set in a Privet hedge divides the garden. The pergola beyond it leads to a secluded spot where a lunette of the Madonna is placed high in a stone panel, and beneath this shrine is a little pool

ITALY

In

NEW ENGLAND

A Garden That

Is a Travel

Diary



In one part of the garden the center of interest is a tiny pool around which are pots of pink and white Geraniums. Piping Pan stands in the middle, flanked by two green glazed pottery jars. The pergola is made of brown stucco pillars, roofed with rustic boughs covered with Grapevines

Since this is a hybrid garden, a diary of travel, the walls of an old white barn serve as background for Lucca della Robbia plaques set in Ivy-framed panels. Tiny tiled paths and Box-edged beds filled with Sweet Alyssum and pots of orange Calendulas make the setting for this pool

GARDEN RICHES IN COTONEASTERS

*From the Ranks of These Old World Shrubs Are Drawn Valued**Contributions for American Plantings*

ERNEST H. WILSON, V. M. H.

COTONEASTER is an Old World group of shrubs which recent plant hunting work in the Orient has greatly enriched. It is a genus in which I am particularly interested and I take pardonable pride in the fact that of the thirty-eight species and varieties listed in *Standardized Plant Names* I am responsible for nineteen. Of the more complete list given in Rehder's *Manual of Cultivated Trees and Shrubs* it has been my good fortune to have introduced into gardens thirty-four of the seventy-seven kinds enumerated.

As a group the Cotoneasters possess virtues of outstanding merit. In point of fact they rank with the indispensables in garden making. Moreover, their uses are not restricted to any one part of the country, for among them are sorts for the Northeastern States, for the Middle States, for California and the warm South. They are closely related to the Hawthorns but have entire leaves and bear no thorns. The flow-

ers are uniform in shape and size; in color they are either white or pinkish and they are borne few or many together in clusters along the branches. Occasionally they are solitary. The plants are in blossom from May to the end of June; in the fall they

are heavily burdened with red or black, rarely brown-purple, fruits that are either globose, oval or egg-shape. In many sorts these remain on the bushes with little loss of brilliancy far into the winter. Some of the deciduous species boast fine autumn coloring, while the evergreen kinds are always an attractive green.

Uniformity may in general characterize their flowers and fruit, but Cotoneasters are remarkably rich in diversity of form and habit of growth, in size, in the arrangement of their branches and in the tracery of their branchlets. Some like *C. Dammeri* are prostrate ground-covers, rooting as they trail over the soil; others like *C. frigida* are trees of moderate size. Some (*C. microphylla*, *C. horizontalis*, *C. adpressa*) are especially well suited for the rockery or for planting on or against walls and stonework. A majority, however, are best as specimens on lawn and border where they have room

(Continued on page 164)

Well suited for either group or specimen planting in the open is C. divaricata, a moderately tall and intricately branched sort with pinkish flowers and red autumn fruits



(Below) Cotoneaster soongorica is one of the most beautiful and useful of the deciduous species. When in full flower, as shown here, its loveliness is equal to that of any Spirea





C. hupehensis is another *Cotoneaster* that is especially attractive when in blossom. Its branches form an arching bush with abundant Hawthorn-like flowers borne in clusters

(Below) Close inspection emphasizes the beauty of *C. soongorica*'s conspicuous blossoms. They are carried freely among gray-green foliage along rather rigid branches

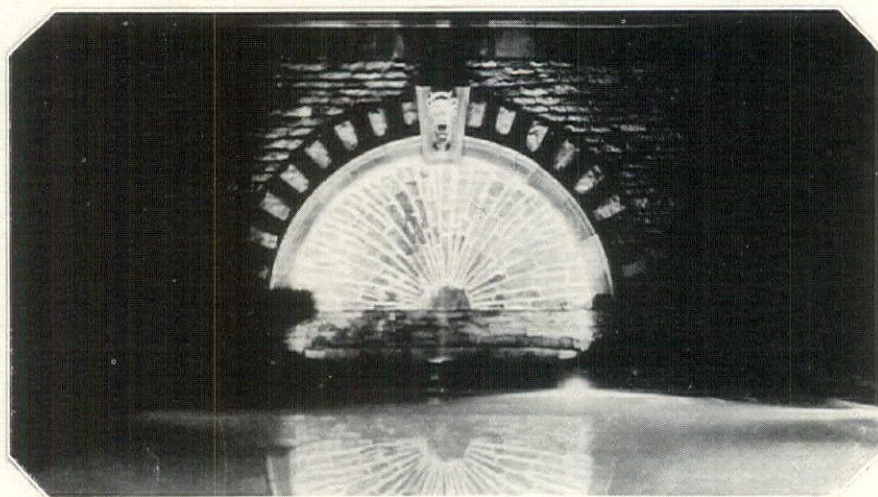


In autumn *Cotoneaster apiculata* is studded with scarlet berries. This variety is a comparative newcomer from China. It forms a neat mound of overlapping branches a yard in height



September and October find *C. soongorica* hung with ropes of relatively large coral-pink fruits that make of the broad, rounded bush a conspicuous and lovely garden feature

This fountain in a wall niche illuminated by concealed lights makes a picturesque display of the artistic value of sharply defined illumination and shadows



L I G H T I N G T H E G A R D E N

Well Planned Illumination Will Add Countless Hours

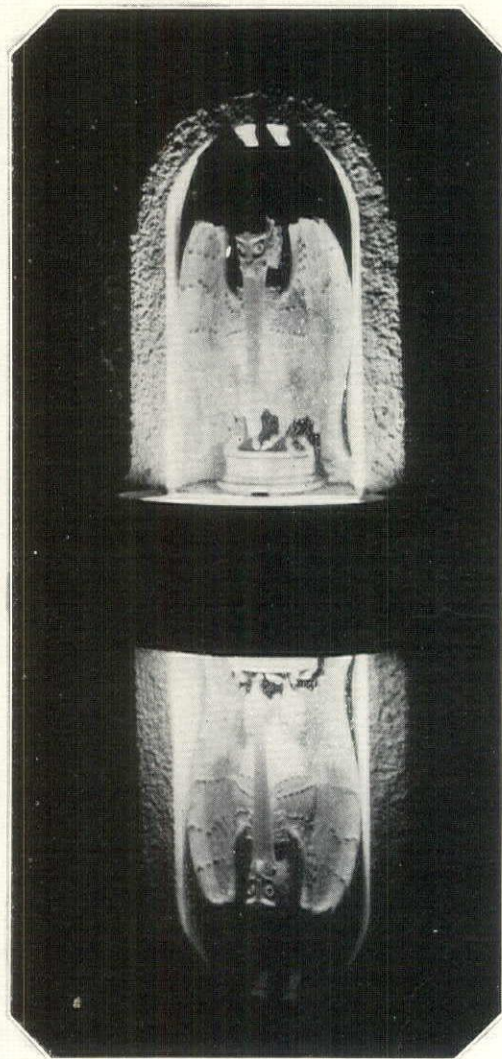
To Our Time of Garden Enjoyment

E. C. STILES

UNDOUBTEDLY the Greeks and the French knew much more than we shall ever learn of the value of garden effects after nightfall; but they talked a great deal more than we do today, and to them light was not as essential. They deliberately designed gardens for fêtes and night effects and used them extensively after nightfall. The modern era abhors darkness, at least within town limits, and we must have light to tempt us if we are to spend much time away from the book, the radio or the phonograph.

Therefore, it is becoming more and more common to design garden lighting features that will afford enjoyment during the night hours and give spectacular effects which cannot be obtained in the bright daylight glare. Such lighting is comparatively easy and not overly expensive, if installed at the time of the garden's construction. Where freedom from frost permits, outdoor conduits can be installed in very shallow trenches. All that is required of the designer is ingenuity in installation and a reasonable knowledge of what happens to plants and architectural features when lighted at night from fixed positions. Also, good taste demands that, insofar as may be possible, garden lighting features be either very inconspicuous or entirely hidden.

The two principal effects to be ob-



tained at night are broad scale illuminations and the lighting of individual features which are designed to stand alone out of the darkness. There is also the question of pathfinder lights, to guide the footsteps of those who travel from one position to another in the out-of-door area—at the head or foot of stairways, over bridges, and in alleys where sudden turns are to be encountered, or at entrances to walks and drives. These do not require a high degree of illumination but rather a careful placing of the light used.

For lighting general spaces we may use ground lights in corners of the bed areas; but as a rule this is not a satisfactory system, since it brings out the texture of the ground too harshly and is apt to be glaring and of a spotty character.

By direct lighting is meant ornamental lanterns or other lights hung in arches, pergolas and tea houses, or bracketed out from walls or buildings. Many excellent ornamental lanterns are on the market, and if special ones are needed, skillful craftsmen are available to make them.

For the smaller property where

Flood lights located in a basin at the feet of a stone pelican give it a lifelike quality and throw the whole feature into relief against the extreme darkness of background

economy is a necessity, or for any place where lights are used in considerable quantity, such as in a long pergola and in several arches, the V. H. type vapor lamp, with metal guard, is quite satisfactory. It has a waterproof connection, fits securely and is most ornamental, especially when used in numbers. This type of light, as shown on page 162, may be directly connected to the electric conduit, which can run the whole length of a vine strip on a pergola or underneath a transverse beam. Such lights are attractive, and when combined with an architectural feature have none of the spotty appearance of a single light set in the open.

Under the general heading of indirect lighting we have lights which, while illuminating no particular architectural object, light a general area. Light from houses or from tea house windows also comes in this class. While such lighting is useful, it is found only in conjunction with large features, is good only for small areas, and has no actual connection with the garden. It is a hard problem to design a system of indirect lighting to care for large areas not covered by the direct lighting of architectural features.

The main difficulty is the securing of a standard which when not in use will pass as something quite different. One of the best solutions is the use of bird-houses, either hung or built in trees, or set on poles, as is the one shown at the top of this page. Under the overhanging roof of the bird-house are fixed two seventy-five watt lamps with a reflector. The lights situated as they are, it is impossible in the daytime to recognize the use to which the bird-house is put at night. As the bulbs are concealed and the light reflected, we obtain diffused illumination over a general area; and as the bird house is above the light, a black shadow against the sky makes its top invisible. If the house is well constructed, not a crack of light will penetrate to the interior of the structure. The birds do not seem to mind in the least the use of their home for a lighting fixture.

Another workable system for indirect or special lighting is to locate lamps along the under side of a balustrade coping, cutting out niches as shown by the sketch in the center of the page for the bulbs' reception.

As we know, artificial lighting results in a different type of illumination than the light of day. A garden brilliantly illuminated at night would be glaring and lack the interest of which it is capable. The ideal

effect of night lighting is a soft, hazy illumination which softly brings out general areas and creates warm illusive shadows. Of course, too much of this treatment would lack contrast and therefore we use special lighting systems to accentuate important features of the garden.

Special lighting gives an excellent chance for spectacular displays and is of pronounced value in bringing out the lines and masses of niches, pools and fountains. There are a thousand and one variations to be secured through the illumination of pools or sprays of water or the reflection of light above water, so that the water itself is black and mysterious in striking contrast to the brilliant illumination above.

To illuminate water properly, lights must be underneath the surface. At the left, below, is a diagram of a lighting fixture for this purpose. For small ornamental pools or basins of a shallow depth, 30 watt light bulbs in V. H. fittings, sealed with white lead, are useful; for swimming or deep ornamental pools, a special light box with a screw cover works to better purpose; or, if only one light is needed, a powerful one may be installed in a control box or other feature.

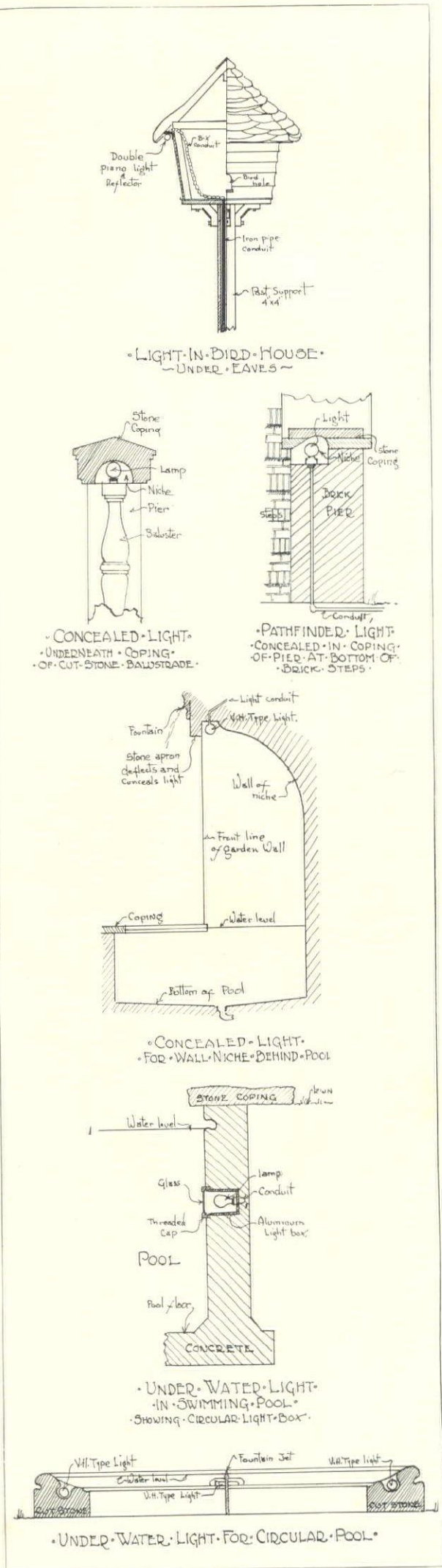
For niches and to reflect against dark water, lights may be concealed behind a stonework curtain, and if water is absent or some other reason warrants the light may be thrown from below as well as above.

The great factor in lighting niches is the question of the effect given by shadows. Considerable study is necessary to determine the proper placing of lights to illuminate from the front, side, top or bottom.

It should be remembered that some light might kill the effect of moldings while another will give only shadows. If the work is of real importance, careful drawings or scale models should be made before installation. Once lighting fixtures are installed in permanent masonry, the force and color of the lighting may be changed, but the direction is fixed.

White electric bulbs are as a rule satisfactory for all general lighting, but for under-water illumination orange light is both softer and warmer; and if a cold effect is advisable in niches, green lights are quite spectacular.

It is well to remember that night illumination should never attempt to compete with daylight but should be for the purpose of creating a general illusion which will bring out all the
(Continued on page 162)



CONCERNING SHADES AND BLINDS

Practical Considerations to Be Kept in Mind When Making

Selections and Installations

ETHEL R. PEYSER

THE best window shades today are practically all built on the same basic pattern: there is always a bracket, always a shade roller, always shade cloth and the cord to manipulate it. It has been said rightly that a shade is only as good as its roller, but we would go farther and affirm that it is only as good as the sum of all its parts.

Logically, then, we will start with the brackets into which the roller fits. There are three different types of these: First, the inside bracket, which is placed on the stop bead (inside the window frame). This is usable on certain types of windows in harmony with the drapes and general setting. Second comes the outside bracket, placed outside the window frame on the face of the casing, so the shade overlaps at the sides. The third type is the Boston bracket or inside sash run bracket, which is placed inside the sash run. In this case the shades fit very close to the window and conceal the roller. The cloth rolls over the top of the roller barrel, showing one smooth panel of shade cloth. This kind naturally cuts out more light and cold air than the others. It is estimated that any shade excludes about 15% of the outside air, anyhow.

The rollers are practically the same in all makes—of course, with a few changes in accordance with favorite designs. They are usually pine wood barrels with special tempered springs of steel. The pawls or dogs are made of brass and drop into the notches or spear end, usually of copper plated metal. Always buy a rust-proof roller with the signature of the firm thereon.

There are metal rollers, of course, but usually these are used only in fireproof buildings or for shades of extreme width. The wooden rollers often last fifty years or more. We know one owner whose shade rollers are sixty years old.

ROLLERS AND SHADES

The rollers vary in diameter, but given the length, the makers will select the proper one for you. The standard lengths of rollers can be cut to the size of your window and shade cloth.

With the question of rollers settled, consideration of the materials to go on them naturally follows. Most purchasers give shades scarcely a thought, although they are an ever-present part of the house. They add to or detract from the beauty of a window, yet nine out of ten homeowners leave the

shades to chance or to the upholsterer or to someone without taste.

It is a common thing to hear a woman say, "We have linen shades in our home." But she hasn't—because there are no linen shades. All shade cloth is cotton, variously treated.

Of the kinds of cotton shades, the first is the cambric—the most durable of all shade cloth. It is oil treated, damp-proof and resists weathering. New England seems to have a great predilection for this shade cloth. Then there is the Holland cloth, with its smooth lustrous finish—a cotton sized with clay and starch. Linen Holland refers only to the color, not to the fabric.

Certain firms make special kinds of cloth. One, for example, is a cloth which has the durability of a cambric and the smooth beauty of the Holland.

Some shade cloth is made in varying special weaves, corded or striped. There is the duplex shade cloth, too—one side being of a different color from the other. This permits a very discriminating person to have one side of the shade match the room and the other, perhaps, match or tone in with the exterior of the building. Furthermore, instead of two shades, this duplex cloth seems to fill the double need.

VARIATIONS TO SUIT

The standard widths of shade cloth fit practically any demand, but when one of them will not do, the cloth can be trimmed to suit. In addition to this, the shade purveyors can show you many, many colors. So it is not necessary to take anything that happens to be shown to you, for you can obtain almost anything you want.

The life of a shade depends on your treatment of it, for any device having even a small spring demands a certain respect. You should always pull a shade up and down from the middle; never grab it on the side and jerk it up, or your roller and shade will have their lives shortened. Don't wind up the spring so that the shade cloth will spring up and lap five or six times around the roller. Leave the spring as it is installed. Should it run down, be temperate in winding. Do not wash shades; clean them with art gum for a dry cleanser. Keep them well dusted. The cambric shade, however, can be cleaned with a moist rag—because of its oil finish. Never oil a shade roller, for one drop of oil will gum up the delicate pawls and forbid free play.

Don't let your shades blow out of the window, or get wet. The life of shade cloth is not everlasting, but with proper treatment it should last ten years or more. A certain amount of fading is bound to occur, even in the fadeless colors, over a long period of time. Furthermore, dust will make its ravages in the best of fabrics.

VENETIAN BLINDS

On the decoration side of shade lore, there is much to say and many have already said it. Hence we leave this topic here for another: the so-called Venetian blind.

We have not as yet discovered the reason for this name. We find the blinds in the West Indies, some 300 years ago—but Venice doesn't seem to have originated them. However, in the last two years, the business of manufacturing them has fairly leaped into prosperity. Last year alone some 5,000,000 square feet of blinds were used.

Venetian blinds are window aperture coverings which will admit light and air as you will, or refuse to admit them. Briefly, they are made of a series of wooden slats with open spaces between them, bound together with cord and tape and raised, lowered and tilted with cords provided for the purpose, operating on pulleys or rollers. They can be used inside or outside of the window, on doors and on porches.

The particular value of the device is that it can be used for the purpose of awning and shade. In very wind-blown regions the blind is more practical than the lovely awning which we think makes a home so charming from the outside. Under such conditions it is also an excellent and good looking comfort. At its best it will outlive most awnings and shade cloths. It should last forty to fifty years. Of course, there may be need for new cords or new varnish occasionally, but not more often than once in three to five years.

Besides, the Venetian blind permits you to do a bit of ventilating by tilting the slats at the desired angle and thereby steering the air as it comes into your room. Thus you may have air without a draught and light as you will. For you can arrange the slats to be open at bottom or closed at top, or any other way you care for.

Being of wood, various kinds of Venetian blinds are used: white pine, linden, bass, yellow pine, birch, oak, mahogany, white wood and cedar. The best are usually

(Continued on page 122)

A LITTLE PORTFOLIO *of* GOOD INTERIORS



Howitt

This New York apartment, the home of Mrs. James T. Terry, turns to the East for some of its furnishings. An original Chippendale chair in the living room has for background an antique Chinese stone screen and beyond it, in the cabinets, a pair of dancing girls of the T'ang Dynasty. Barnewall, Inc., decorators





In the living room of the Terry apartment Chinese, French and English furniture mingle harmoniously—Louis XVI and XV chairs in old blue, a Chinese fireplace table in cherry brocade and, on the mantel, white jade trees in green bowls

The main bedroom has walls of egg-shell blue. On the Louis XVI bed is a cover in salmon pink edged with blue striped taffeta that matches the curtains. The inside curtains are of salmon pink organdy trimmed with scalloped ruffles which are picoted in blue



Another wall of the living room holds Chinese temple hangings. The curtains are of antique toile in gray-green, reds and blues, with a cornice painted gray-green to match the walls. The Aubusson rug is in cherry, blues, gray-greens and gold

The walls of the dining room are old blue, the curtains cherry brocade with glass curtains of gold Chinese gauze, and a blue cornice. A Chinese painted glass screen stands in the window and antique Chinese paintings hang on the walls

DIRECTOIRE AND EMPIRE LIGHTS

While Napoleon Was Ruler of France The Arts

Were Strongly Stimulated

MR. & MRS. G. GLEN GOULD

IT MIGHT be expected that a Revolution so sanguinary and awful as that of the French in the 18th Century would not only disturb but would fairly uproot art, so that it would have to be replanted if it were to flourish at all. But nothing of the sort took place. There is scarcely a break in the quiet, orderly development of the classic style, which appeared in the late years of the reign of Louis XV, and developed into *le style Louis Seize*, only to run its course in the *Directoire* and *Empire*.

Lighting fixtures testify to this as plainly as do other objects that embellished the home, so that far from revealing any gap in French period styles, the products of the late 18th and early 19th Centuries would have been classed as Louis 17th had an aristocrat been still in the saddle instead of the Little Corporal. But under a king there would naturally have entered into the work of the Court artists, Percier and Fontaine, a greater suavity and graciousness, with less need for the self-assertion and over-emphasis upon the force of his imperial regime which Napoleon felt necessary to convince the masses. All this appears in the designs of French lighting fixtures, and in their character we may read much of the history of the time.

Percier and Fontaine were the imperial architects, and to them we owe the lighting fixture designs which carried out their in-

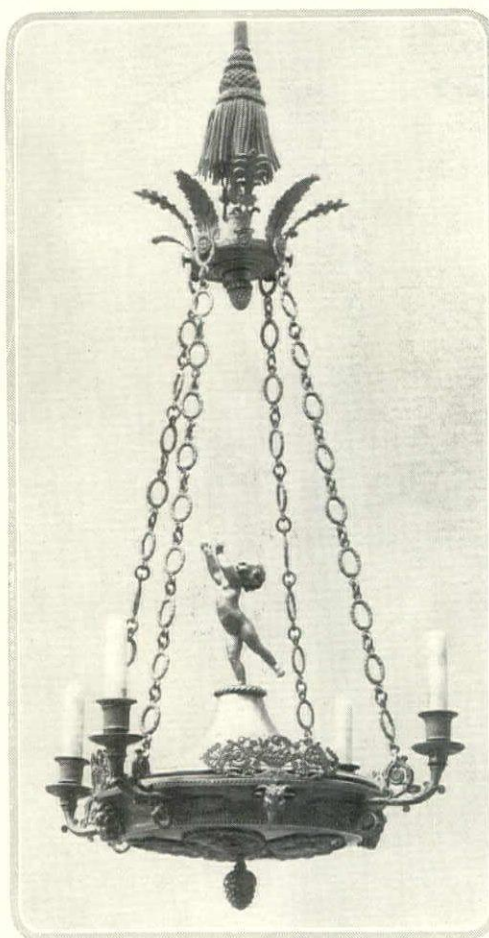
terior schemes in strict conformity to a coördinated plan, as was done by the Adam Brothers in England. The term *Directoire* has been given to the style of work produced by Percier, Fontaine, and others, during the period when Napoleon was a member of the Directorate, and for convenience has been used to cover the short term of the Consulate which preceded the Empire. The splendid lighting fixtures which officially added to the pomp and ceremony of Napoleon's Court were doubt-

less designed by Percier, as Fontaine confined himself to architecture. In these designs we detect little of the ugly and the crude, the over-burdening of ornament, and that blatant quality charged against the Empire style as a whole. This fact is largely due to the great state of perfection achieved by the metal-workers of the period. Bronze, cast and chiseled by the *ciseleurs*, and finely gilded—*doré* or *ornolu*—was the height of their achievement in this direction.

In *Directoire* models there are lovely classical fixtures that seem to have evolved naturally from *Louis Seize* types. *Flambeaux*,—candlesticks, *candélabres*, *appliques*, *bras de lumière* or *bras d'appliques*—wall brackets, *lustres*—chandeliers, and *lanternes* all are symmetrical and graceful but abandon some of the ease and whim of the *Louis Seize* models, retain the sphinx and eagle, and encourage more purity of style in classic reproduction. *Directoire* construction and ornament retained a certain graciousness, slender proportions, some delicacy, but added a sureness of outline, a clean-cut effect whose emphasis in *le style Empire* became more rigid and more conventional.

The famous bronze-workers, Gouthière and Thomire, noted for their accomplishment under the old regime, were logically

(Continued on page 130)



Here we have a bronze cupid playing his part on the stage of this Empire lustre. The entire fixture is constructed of bronze. Courtesy of Bagués, Inc.

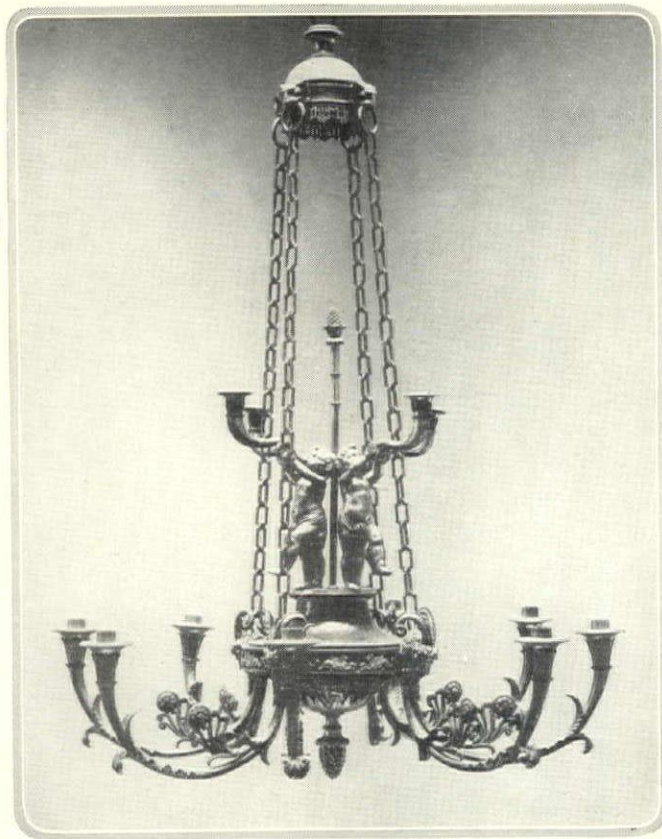
It is easy to trace the evolution of the modern lamp with its large circular shade to this Empire *candélabre*. Courtesy the Metropolitan Museum of Art

This silver *candélabre* in the Empire style with scrolled cornucopia branches was made for Napoleon after his return from Elba. Courtesy Cartier





The large Empire candélabre at the left is of bronze doré and is mounted on a pedestal of dark veined marble. The upper part of the pedestal is ornamented with classic figures in applied metal.

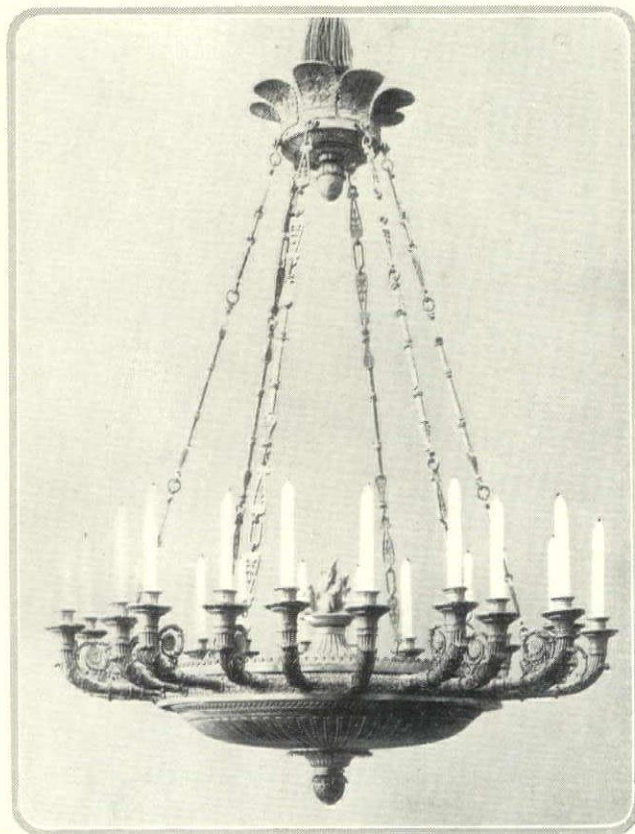


Formed of a suspended classic vase which supports dancing cupids blowing on uplifted trumpets is the ormolu lustre shown above. It was made between 1795 and 1799 and is in le style Directoire.



At the right is a magnificent Empire iron lantern from the Tuileries. Set on scrolled supports and ornamented by a flame crest, spread eagles and anthemion. Courtesy P. W. French & Co.

(Below) An elaborate Empire ormolu lustre, the suspended classic lamp aflame and circled with cornucopia candle branches, ornamental chains and a crown of palmettes. Courtesy Bagnès, Inc.



A pair of splendidly executed Empire candélabres, one at the left and the other at the extreme right, suggest by their bases Egyptian columns reversed. Bronze figures uphold candle sockets. Bagnès, Inc.



FURNITURE OF THE FEDERAL ERA

*Hepplewhite and Early Sheraton Seating Furniture,
Sideboards and Tables*

EDWARD STRATTON HOLLOWAY

BY about 1790 America was fully ready for the new styles in furniture and decoration. Furniture designed in the Shearer and Hepplewhite modes was made here as much as five years earlier, but we can now see the full flowering of the Classic styles.

Our infant nation experienced the usual troubles of childhood and with difficulty found its own political feet. Now it stood alone, alert and vigorous. The Constitution went into force in 1789. In the same year Washington was inaugurated first President and again as leader was proving himself both strong and wise. The battle for Democracy was already on, but society and politics remained essentially aristocratic. Financially we were fast recovering from the exhaustion of war; again there was money to spend and a desire for the amenities and luxuries of life.

In the new furniture, elaboration was superseded by quiet elegance, the curve by the straight line. Chippendale's influence had paled under the classic onslaught, he himself had died during the Revolution (1779) and, though his son carried on the business for a time, one of the most brilliant firms known to the history of furniture-making finally went out of existence in the bankruptcy court in 1805.

We may very briefly see how the new styles came into being. The discovery of the buried Roman cities of Herculaneum and Pompeii early in the century had caused a permanent sensation all through Europe, resulting in the rebirth of the Classic influence in furniture. In architecture it had never died out but now took a new direction. By 1760 we already find in France what we know

as the style of Louis XVI—fourteen years before the death of the predecessor of that monarch. By February, 1758, Robert Adam, returning from four years study of the classic remains of Central and Southern Europe, had opened his London

office. He speedily became the most famous architect of his time, with an influence so great that these years are often, and justly, termed the Adam Period.

Yet no Adam furniture was made here. It was through Shearer, Hepplewhite, and Sheraton that American furniture became classic. The reason is obvious. All three men issued books, and Shearer's designs were included in still another volume, but the "Works of Robert and James Adam" illustrated their architecture and contained no designs of what we term "household furniture". His own pieces were mostly elaborate and for palatial establishments. Even had our craftsmen had access to them, they would not have been apt to adopt furniture of this class.

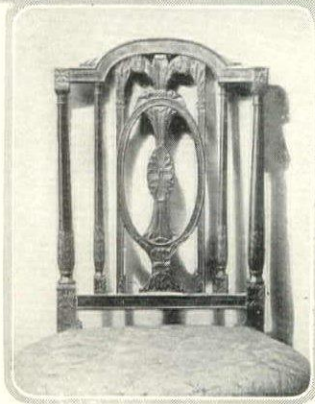
Shearer was an excellent designer but his reputation has been smothered by those of his more eminent contemporaries.

We do not know when George Hepplewhite entered business. He died in 1786 and the establishment was carried on by his widow Alice under the firm name of A. Hepplewhite & Co. "The Cabinet Maker's and Upholsterer's Guide" was published under those auspices in 1789. The plates are dated as being published in 1787, but whether this publication was general or merely formal I have no means of knowing. The preface to that volume claims that its designs follow "the latest or most prevailing fashion only" and we do not know how closely the furniture previously made by this firm conformed to the designs shown in the book. Communication with England was entirely cut off during the Revolution and



Dillon

A Philadelphia-made Hepplewhite sideboard, of graceful proportions, with its accompanying urns. From the collection of Howard Reifsnnyder



A handsomely-carved Sheraton chair-back, doubtless made in New York, and now owned by one of the descendants of an old New York family

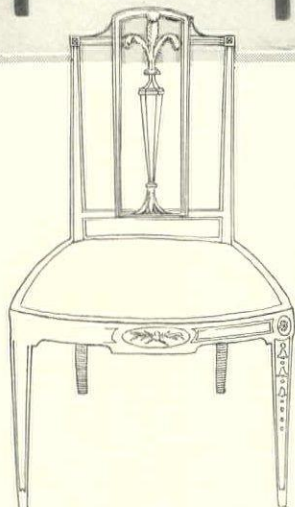
(Continued on page 124)



A Sheraton chair, probably made in New York. Its legs have typical Sheraton reeding. From the collection of R. T. H. Halsey now on exhibition at the Metropolitan Museum



To the right is a transition chair retaining the Chippendale back uprights but with typical Hepplewhite details. Shown by courtesy of Charles Woolsey Lyon, Inc.



A Sheraton chair of New York origin owned by R. T. H. Halsey and now being shown in the Metropolitan Museum of Art. It was a not uncommon New York type

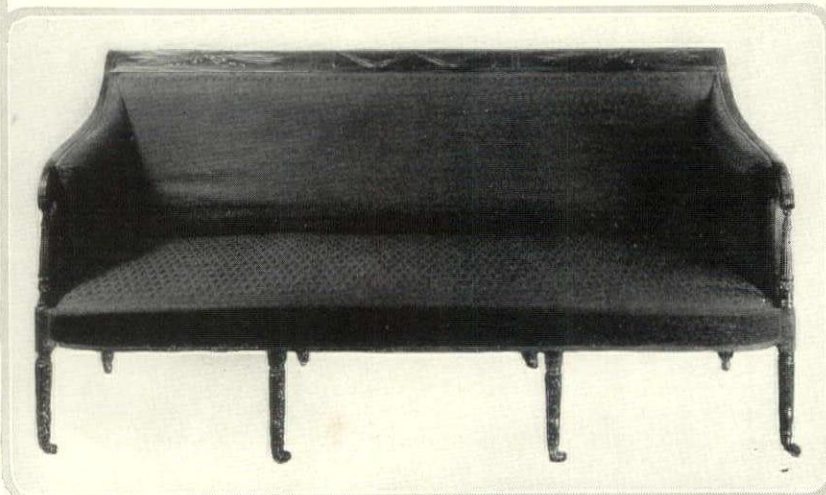
To the left is a Sheraton chair with Hepplewhite features. The stout stretchers are an American survival. The collection of Mrs. J. Woolston in the Pennsylvania Museum

The sofa at the top of the page is Sheraton in every respect except that it has the camel-back surviving from Chippendale and Hepplewhite. Pennsylvania Museum

(Center) An American Hepplewhite square-back chair. Below is its inspiration, a design in Hepplewhite's "The Cabinet Maker's and Upholsterer's Guide"



A charming Hepplewhite side-chair, with its typical shield back. From the collection of Howard Reifsnyder



The piece below is a Sheraton sofa as interpreted by Duncan Phyfe. The triple ornament of the back rail is typical of Phyfe. From Howard Reifsnyder



In this Hepplewhite side-chair each baluster of the back is a cornucopia. Charles Woolsey Lyon, Inc.



Moulin

BELOW LIES SAN FRANCISCO

In selecting a place to live, whether a city apartment or a country house, the view from the inside looking out can be a factor that adds to the wonder and charm of rooms. San Francisco lies far below this leaded casement, a wonderful panorama of almost theatrical beauty. This window is in the apartment of Mrs. Edgar Walter



The author's dining room curtained and furnished like an English country house looks out on a New York roof top that has been developed into a colorful garden

AS A sketch is often more interesting than the finished masterpiece, as the glimpse is more intriguing than the full view, as half-heard melodies are to those heard—so, as in all else, the quality to cultivate in houses is illusion. It is not so much its actuality but its quality of suggestion that renders one interior superior to another.

A large part of the successful suggestion within a room flows from what one looks out upon. After all most of our time is spent inside our houses. It therefore is well to develop as far as possible that quality of illusion, of suggestiveness, which makes each one of us see, in a glimpse, that something which touches the secret springs of individual imagination.

Memories which lie hidden are brought forth in varied guise by a single view, holding as it does a different meaning for each one who beholds it. A Pine tree waving in the wind, to some might suggest the corner of an old wall in Tuscany, and to another



FROM THE INSIDE LOOKING OUT

MRS. GEORGE DRAPER

At one end of the drawing room in Mrs. Draper's New York house is this Palladian window, and beyond it, a little garden walled for privacy and pierced by a gate

some favorite nook in Maine. . . .

After an aeroplane trip from Paris to London we arrived at our delightful hotel with its equally famous and charming cook. Our tea was brought up to our sitting room—and such a tea! Caviar in a huge brown jar, buttered toast, tea and a basket of hot house grapes. The room was painted green with a white fireplace, brass andirons and fender. As we sat there, in huge upholstered chairs, loosely slip covered, with a heavy glaze chintz (which had been in use for over twenty years) the design of which was large mauve ribbons on a dead white ground, we looked out through one of the French doors onto a terrace. Actually it was only the roof of the sitting room below, but so charmingly arranged with pots of Oleanders and Rhododendrons that gloomy London seemed to fade off into the distance and to give place to a pleasant morning room in a country house.

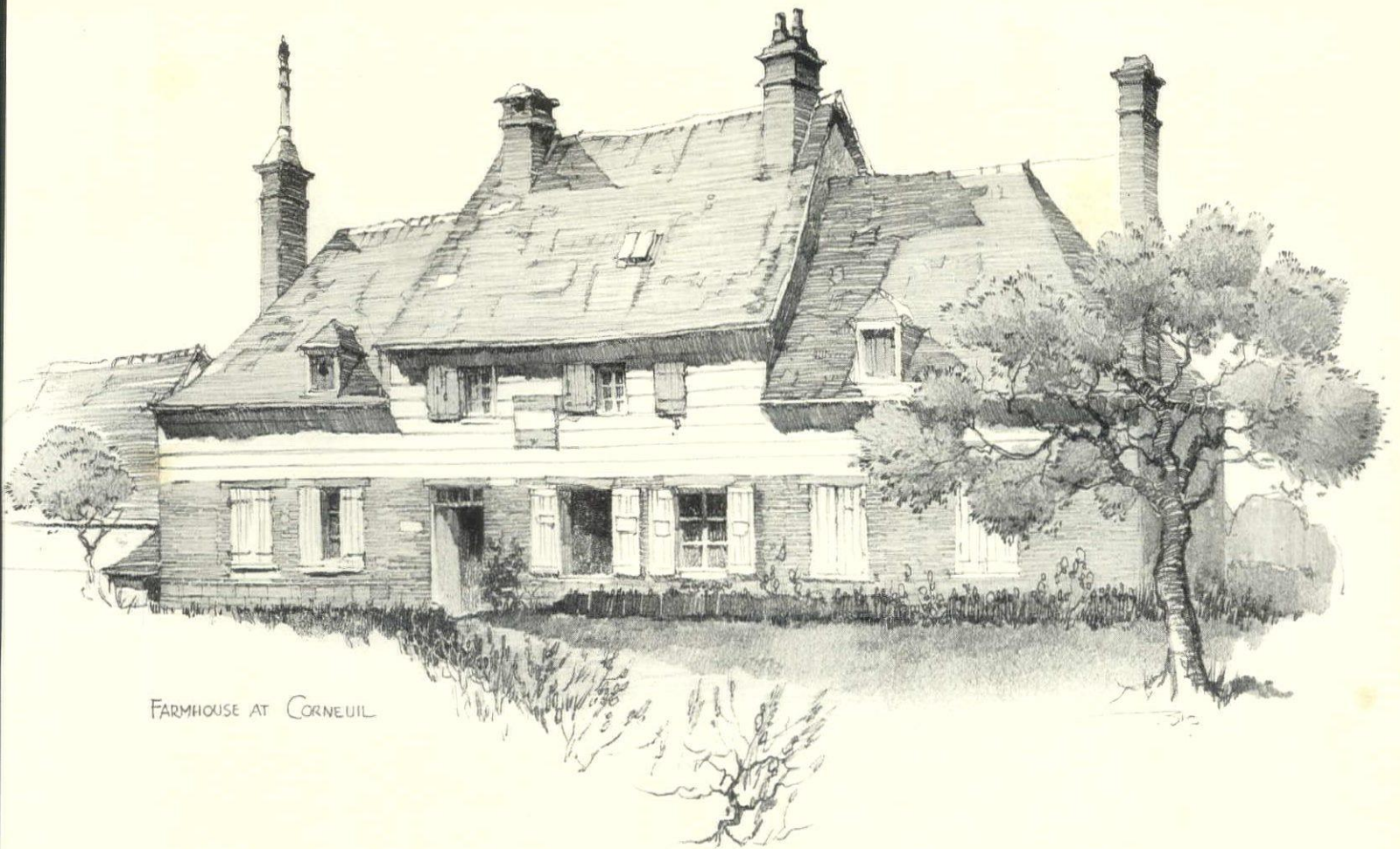
(Continued on page 118)



Mason

BELOW LIES LONDON TOWN

At Hammersmith the Thames swings around and those so fortunate as to have a window on Hammersmith Mall see the bridge and the sweep of the river and the housetops of London. This is the strategic and stimulating view commanded by the home of G. R. Mitchison, an excellent example of "From Inside Looking Out"



FARMHOUSE AT CORNEUIL

The dignity, grace of line and well balanced masses of the old houses in provincial France make them excellent types to reproduce in this country either as large residences or small cottages, leaving the usual proportions unchanged. The walls of this house are brick, the roof of a bluish-gray slate

FIVE MANOIRS FROM OLD FRANCE

Sketched Especially for the Readers of House & Garden

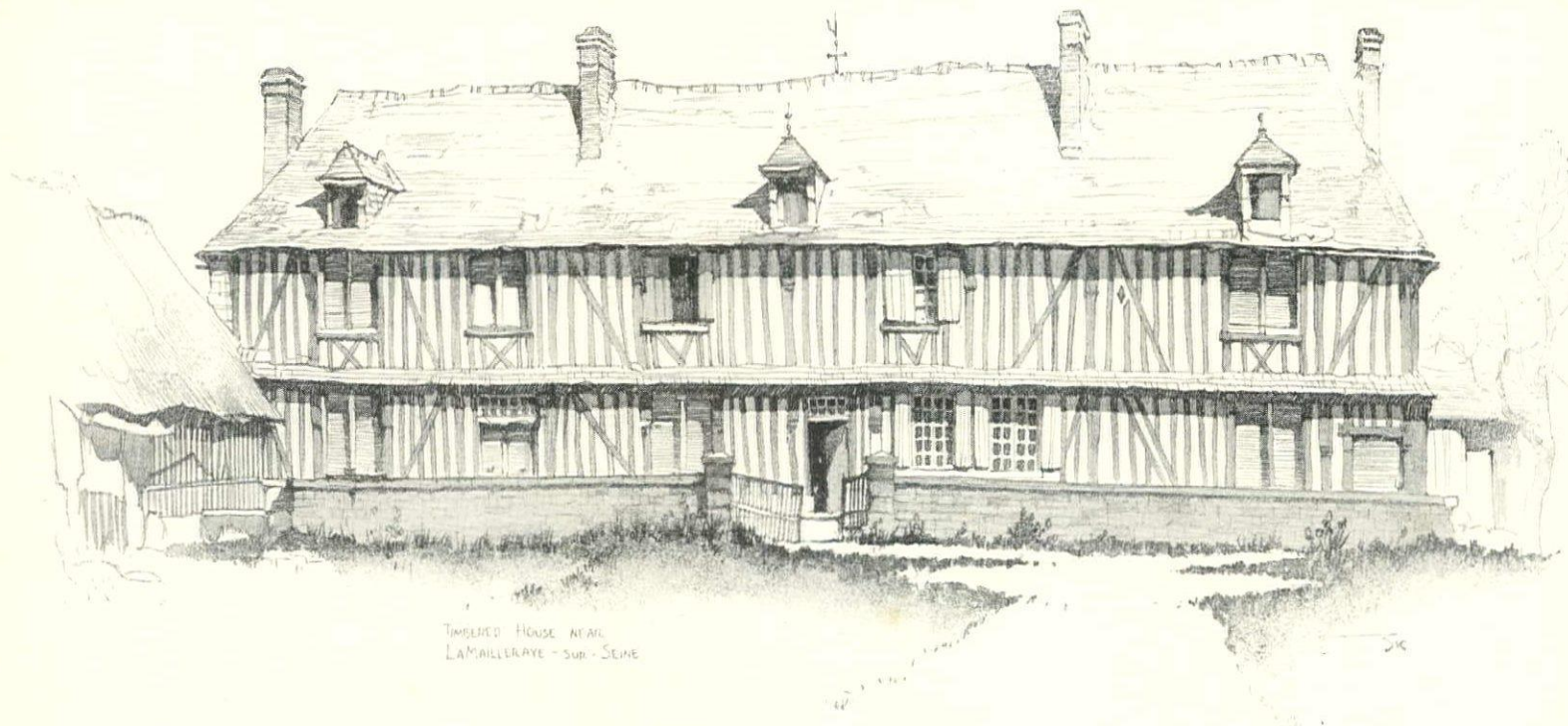
by Samuel Chamberlain

ARCHITECTS and those who are planning to build country houses here are turning more and more to the French countryside for their inspiration. From Brittany to Provence, hidden away on well-kept or neglected farms, are to be found rare gems of native architecture that, with but few changes, can readily be transplanted to many American suburbs and country districts.

Whereas the English cottage and manor house and the smaller Italian and Spanish villas have long since been exploited for our designs, the French farmhouses and manor houses in their various aspects offer a refreshing style whose qualities are well worth our appreciation.

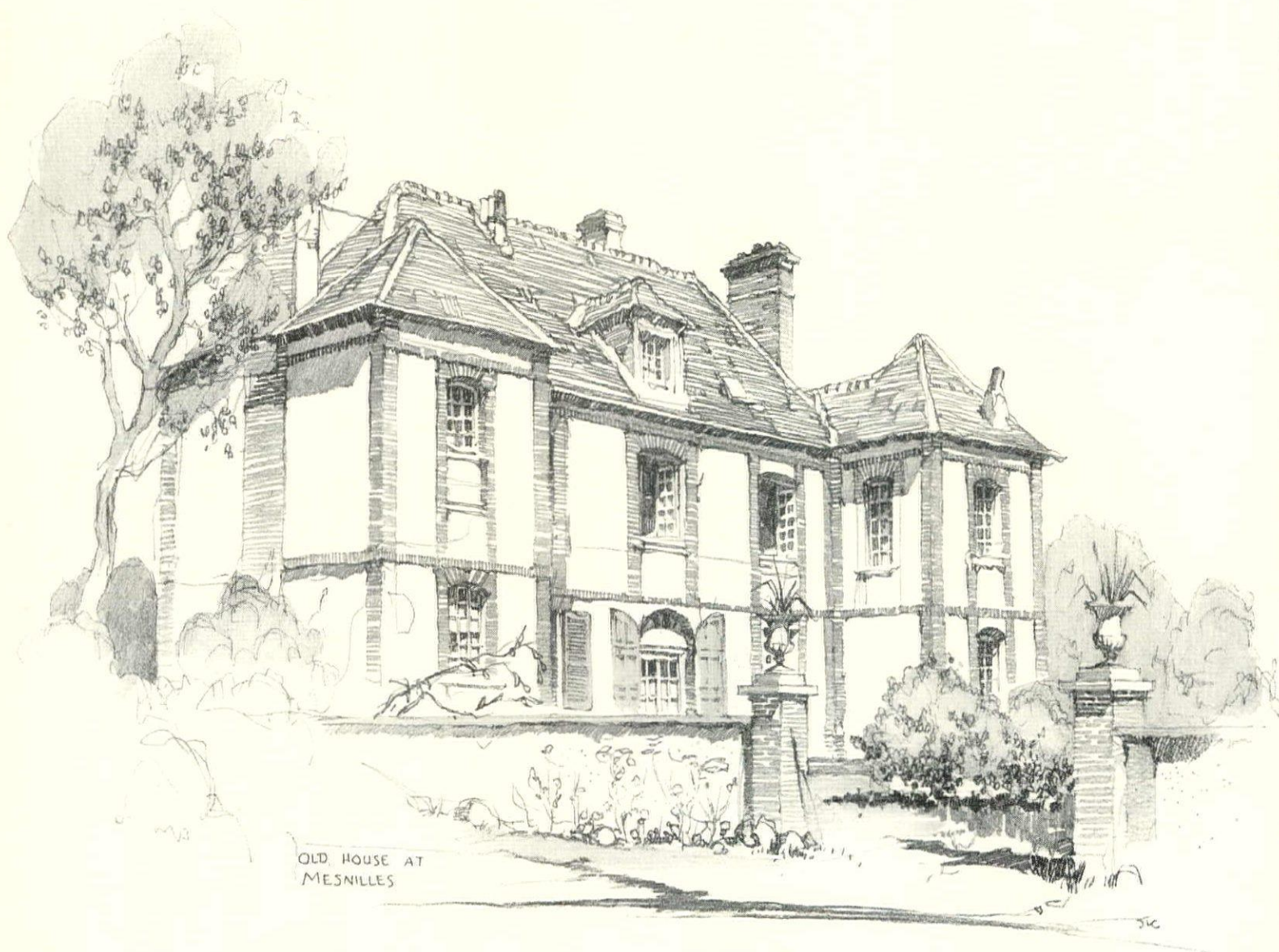
It has dignity. It has eminently livable aspects. It can afford inspiration for both small house and large. It can be executed in many kinds of material—wood, stone, stucco and brick. And it has a picturesque air that does not fade when carried to the new environment of America. Perhaps the first and most striking of the details is the roof—noble and expansive. Then the orderly arrangement of the windows and doors and the details of their shutters. Then the texture of the stone walls, laid on irregularly. Finally (for one could set down a large catalog of fascinating details) these French farmhouses call for orderly little gardens set about them—prim, formal, dignified and enclosed little patterns that come as a relief to the naturalistic and informal landscaping of which we have had so much in America of late.

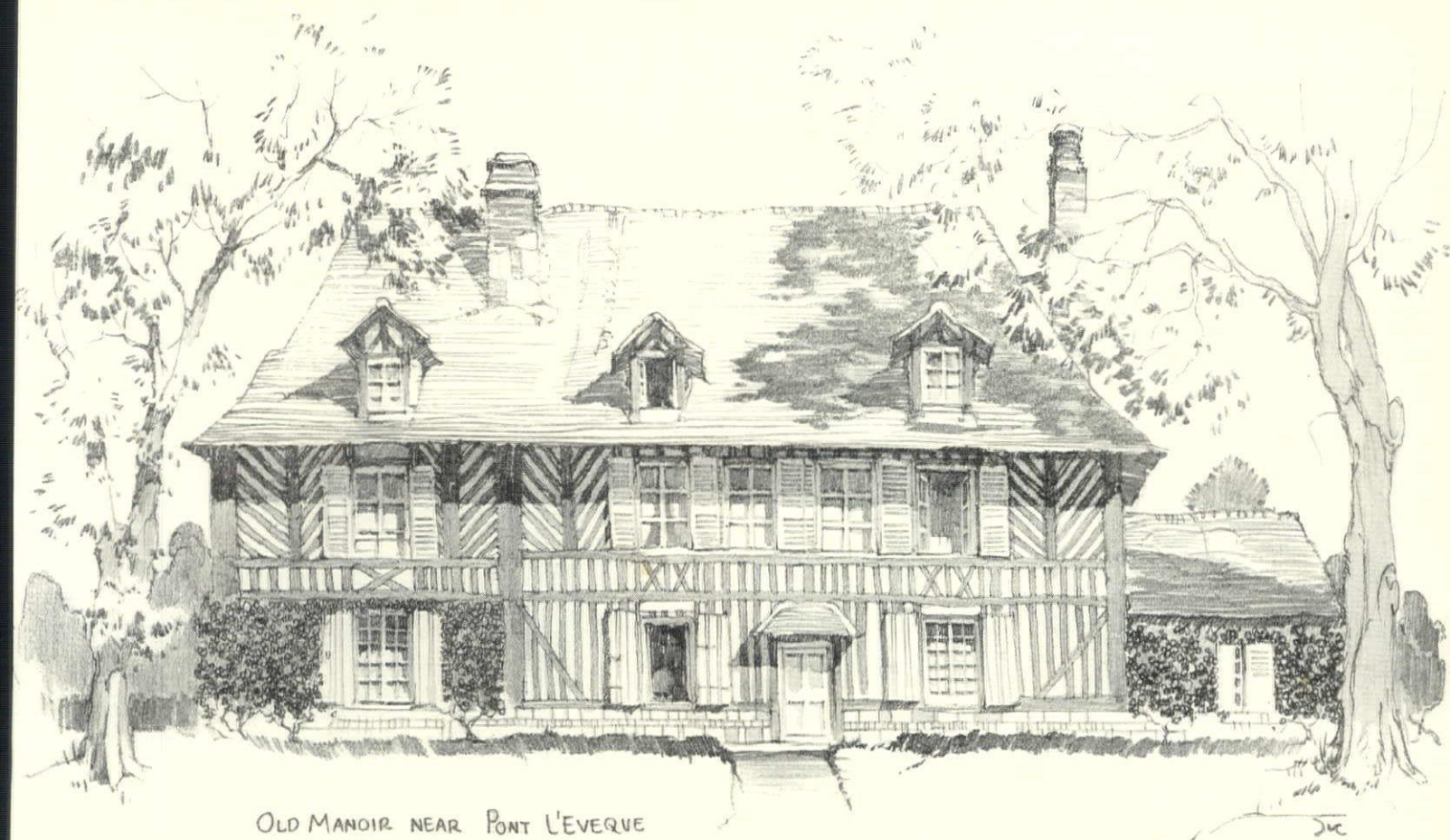




While half-timbered walls are to most people associated with English architecture, it is a fact that in France are numbers of houses of half-timber and plaster construction. Timbers on this house were once stained black and now have weathered to a warm gray tone. The roof is of greenish slate

French architecture lends itself well to the design of large residences. While the typical French house is essentially dignified and formal, yet it has none of the stiffness which a formal house so often betrays. Built early in the 18th Century, the house below has red brick walls and an orange roof

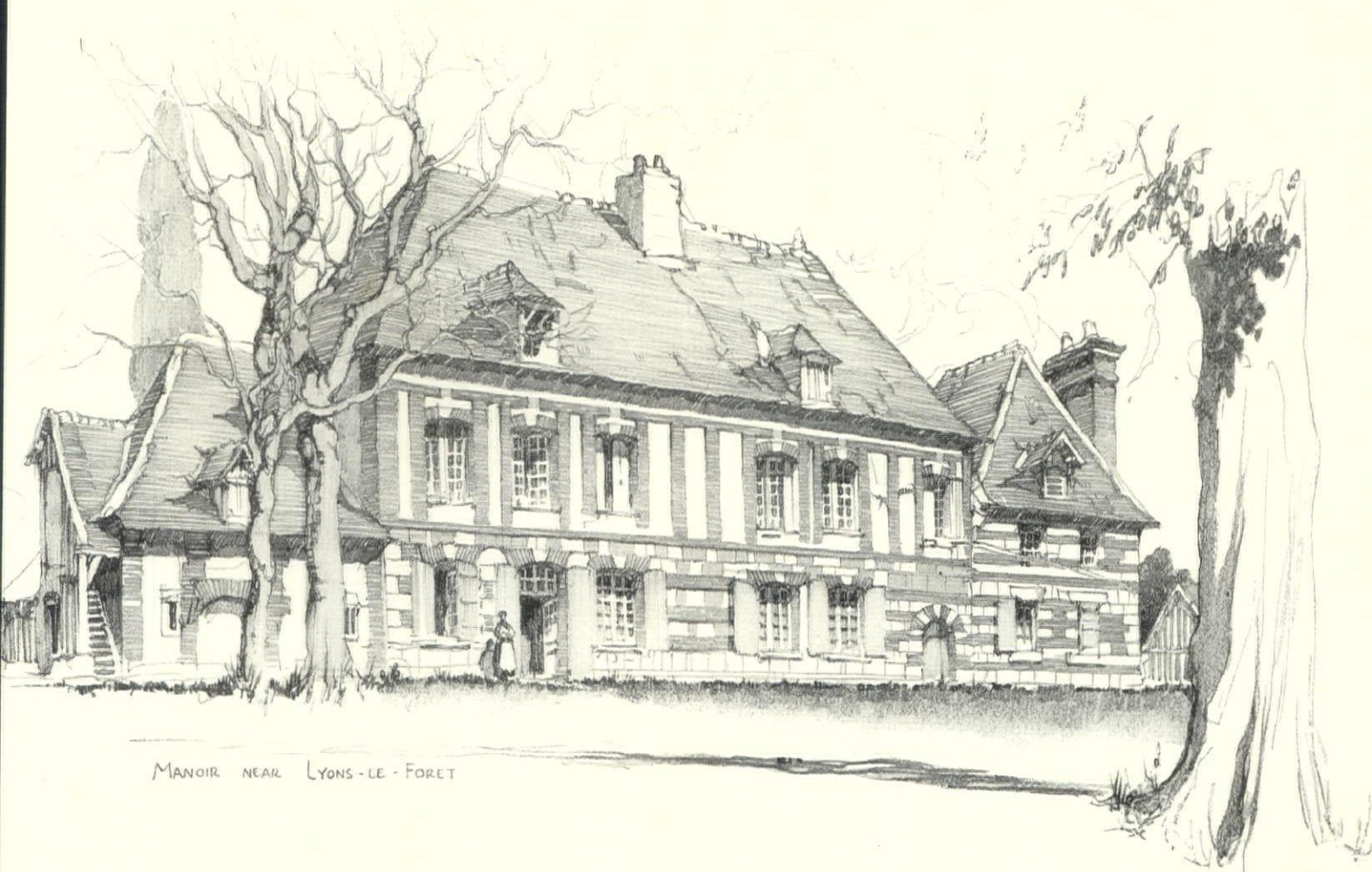




OLD MANOIR NEAR PONT L'ÉVÊQUE

Above we have a manor house which contains within itself the very essence of the calm, restful spirit of the serene French countryside. Quite literally it seems one with its surroundings, linked with the soil by the old espalier Pear trees trained upon its walls and the well cared-for trees which frame it

The roofs are a most notable detail of French domestic architecture. In both outline and character, whatever the material of which they are constructed, these long roof lines are indeed unmistakable. Below is shown a most interesting old manor house from a nearly forgotten village in the Eure



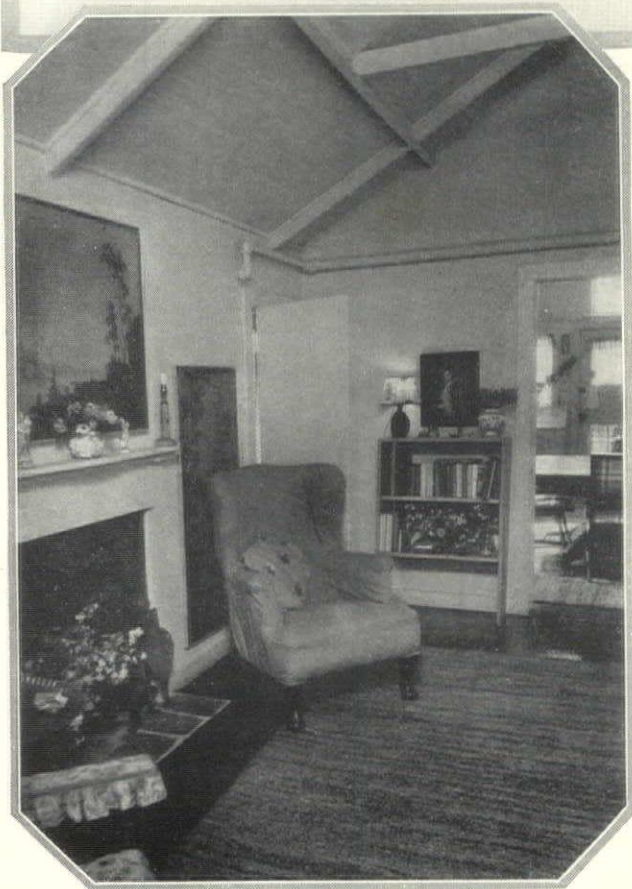
MANOIR NEAR LYONS-LE-FORÊT



Branberg

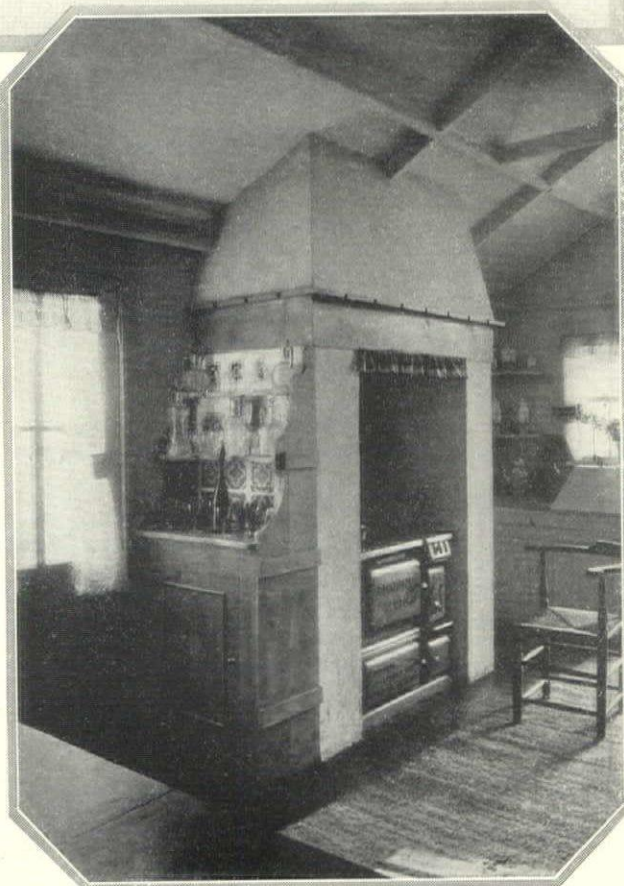
A COTTAGE WITH A PAST

Formerly used for the storage of garden tools, this little house has been transformed into a cottage for summer occupancy. A rustic trellis has been erected fronting the entrance and Grape vines trained across it. Mrs. L. J. Ford of Rye, New York, is its owner. William E. Lescaze was the architect



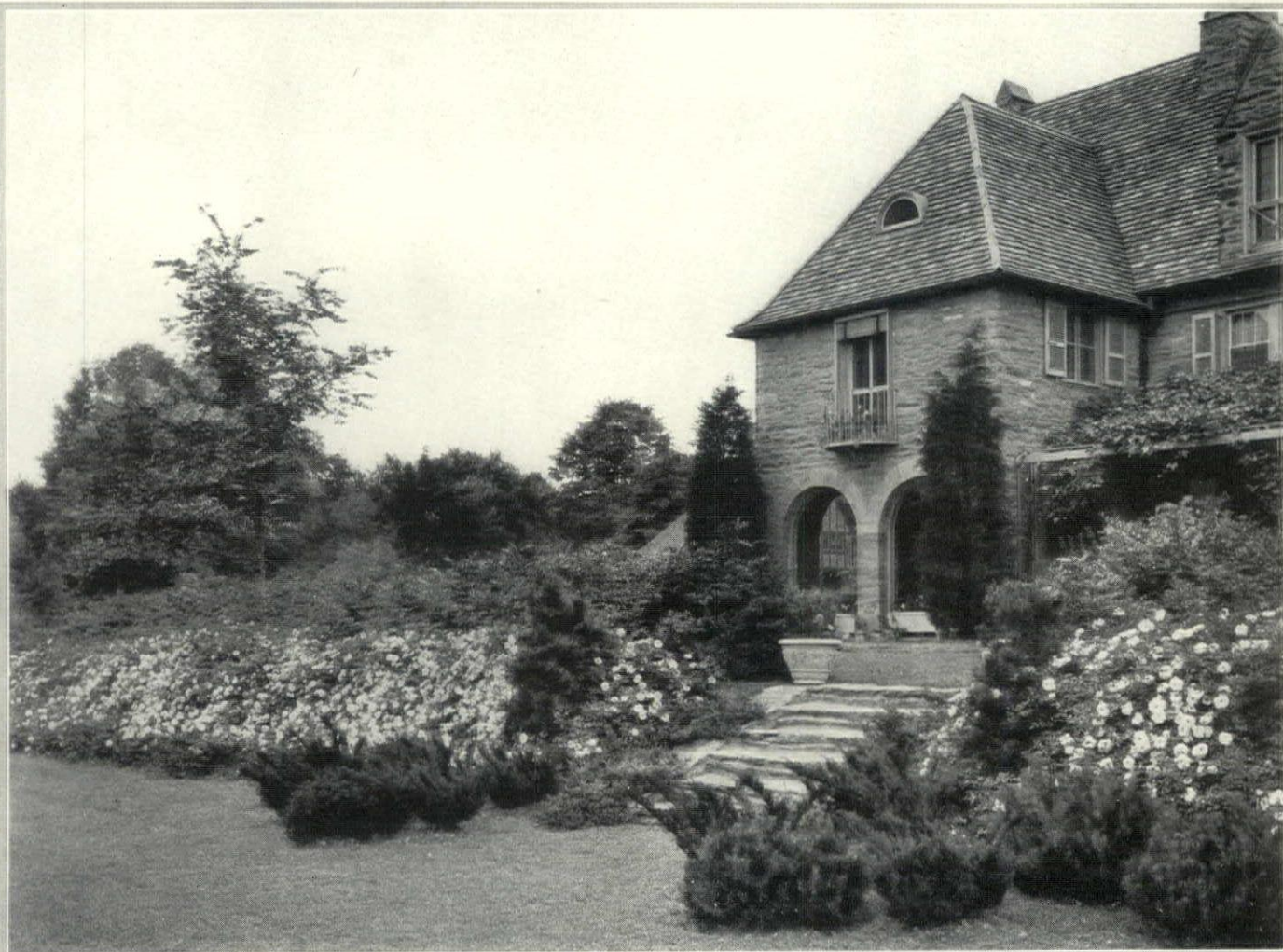
Interior walls in the Ford cottage are of composition boarding. Dining room furniture is of pine; chair seats and backs are covered in checked gingham

(Left) The living room fireplace is of marbleized concrete with a slate hearth. The ceiling is of pine in natural finish. A large hooked rug covers the floor



Built about the stove is a cupboard of composition boarding. Where it faces the stove an asbestos coating was applied. Trim and furniture are pine

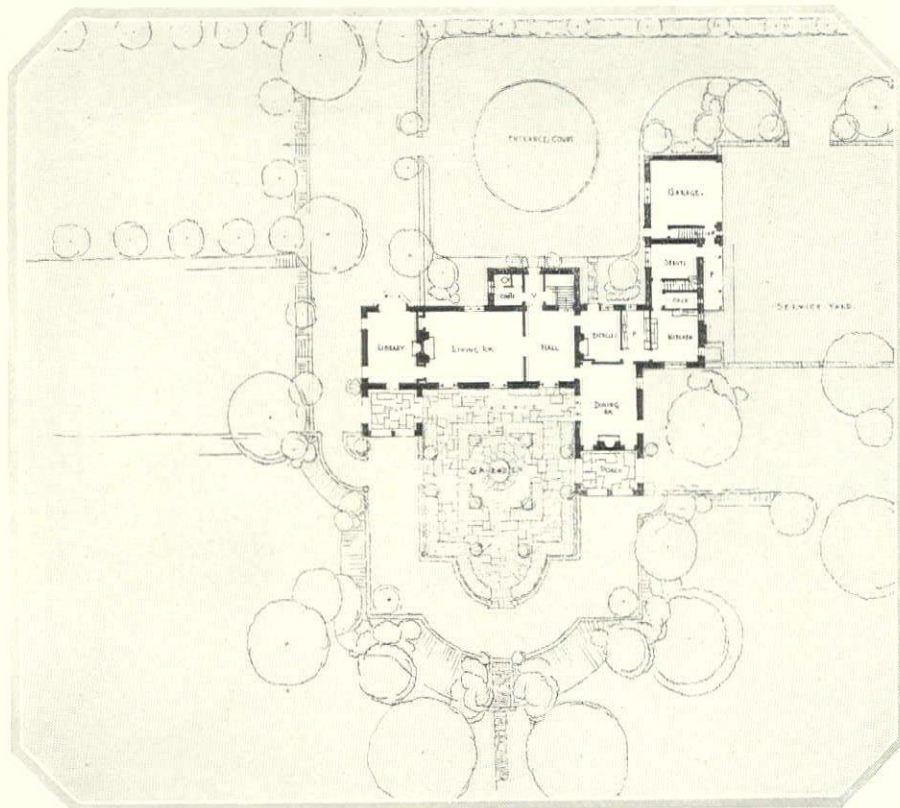




Wallace

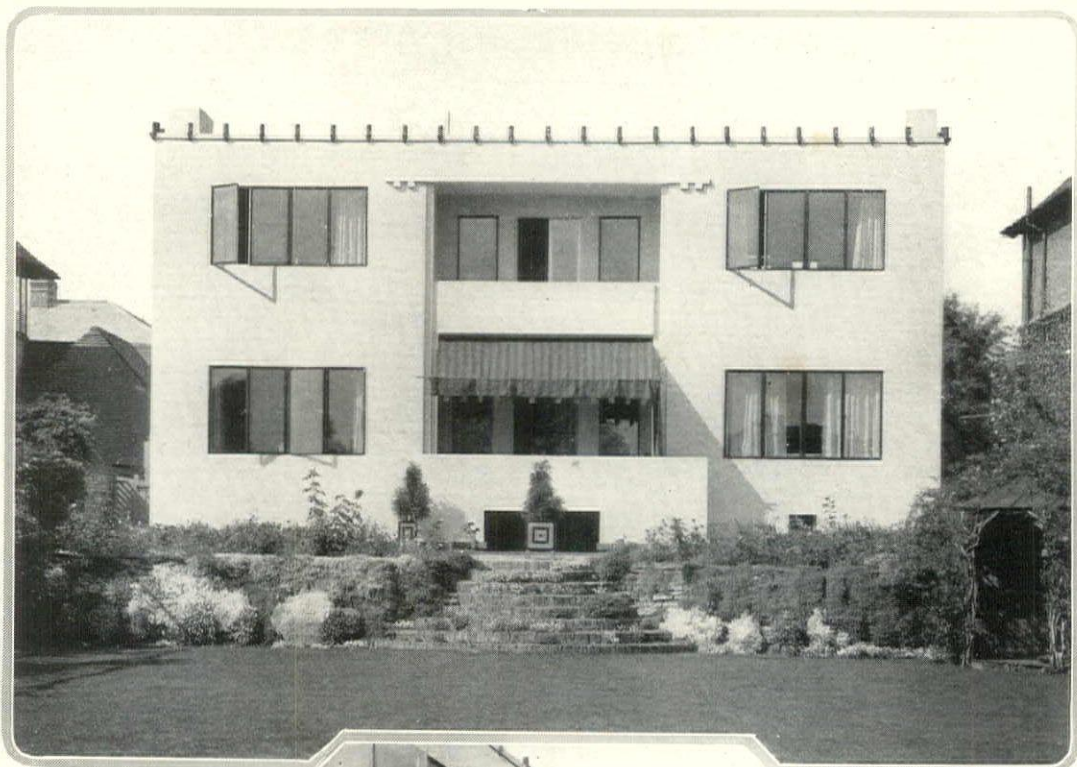
Chestnut Hill, Pa., is fortunate in its native ledge rock. And if with this a sympathetic architect builds a house in the English manor style, you have the successful result that Robert R. McGoodwin attained for W. Griffin Gribbel

An L-shaped plan was used for this site, with the service rooms and garage in one wing and the living quarters in the other. The ground has been laid out so that the flower garden is located directly off the paved terrace at the rear of the house



The Grape-canopied terrace, pictured on page 69, is shown here in the photograph of the rear of the Gribbel house. A noble texture has been given the walls and the pan tile roof. The house fits its site with comfortable grace

AN ENGLISH COUNTRY HOUSE FOR AMERICA



Symmetrical placing of ranges of un-mullioned windows and snowy expanses of cement wall in combination with the extreme rectangularity of the residence give to the rear the appearance of one of our own sunlight foodstuff factories

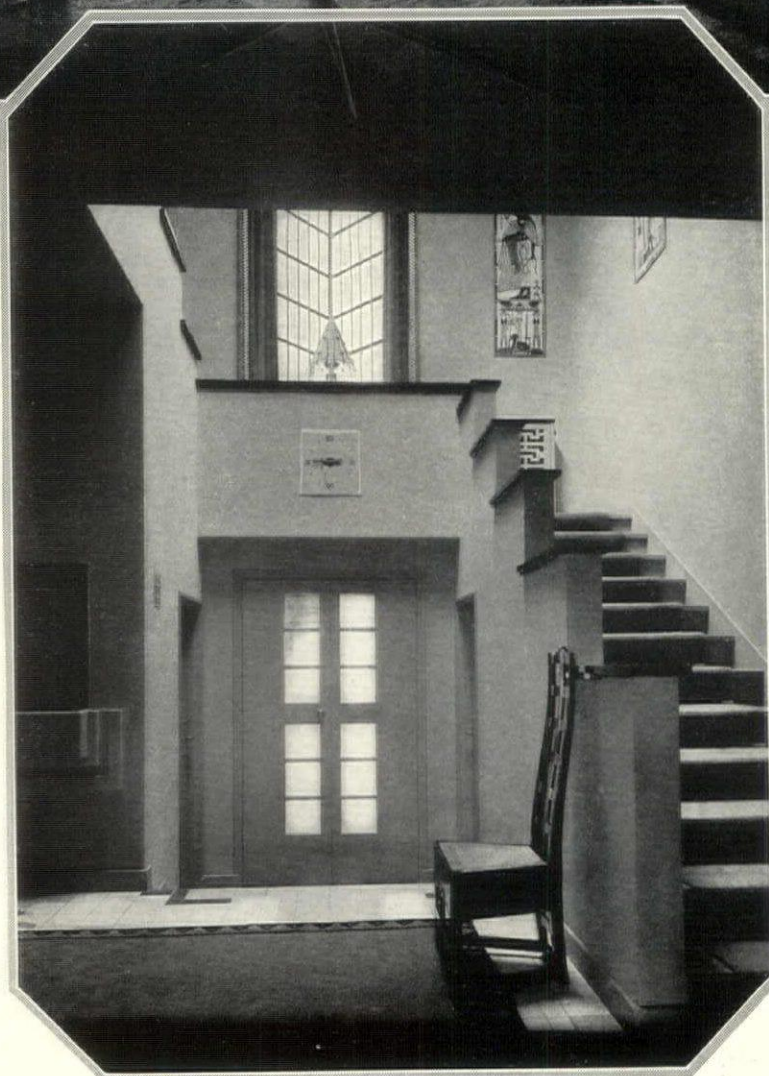
Another view of the rear seen at an angle to the house shows the stairway from the garden to the loggia. A pool underneath the loggia receives rain water from the roof which is conducted by way of earthenware drains in the outer walls

A style of building truly representative of the present age is the aim of modernist architects. While it is undeniable that such designs as the façade shown below have an arresting quality, whether or not this style will endure for long is questionable



MODERNIST ARCHITECTURE IN AN ENGLISH SUBURB

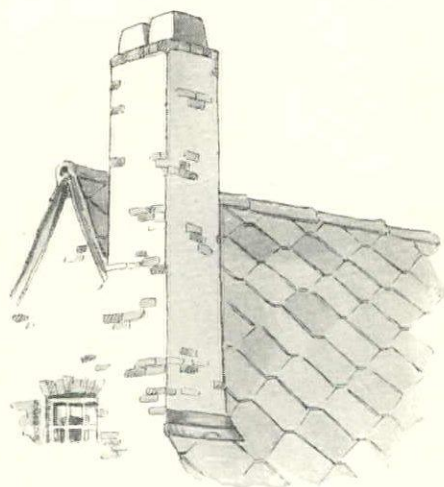




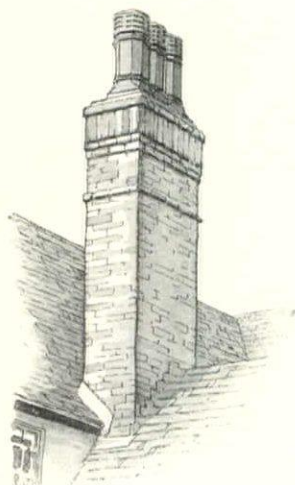
Simplification of lines to make vertical or horizontal planes is a dominating feature of modernist architecture. Absence of all curves from the architecture of this hallway is obvious. Even the clock above the door bears evidence of simplification. A triangular window at the stair landing is an interesting touch

This English country house, designed by Professor Behrens of Vienna, is an example of advanced modernistic design. Unusual indeed is the massive living room fireplace. The odd appearing windows flanking the fireplace are of metallic tinted glass illuminated by lights set between these and outer windows

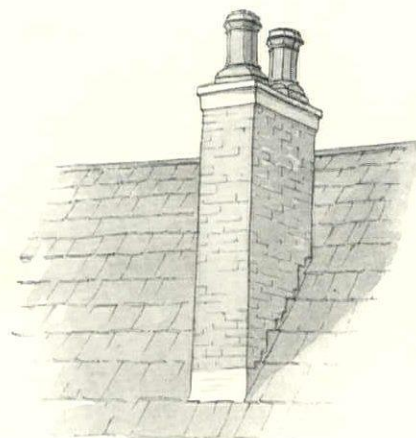
CHIMNEYS ADAPTABLE FOR MODERN RESIDENCES



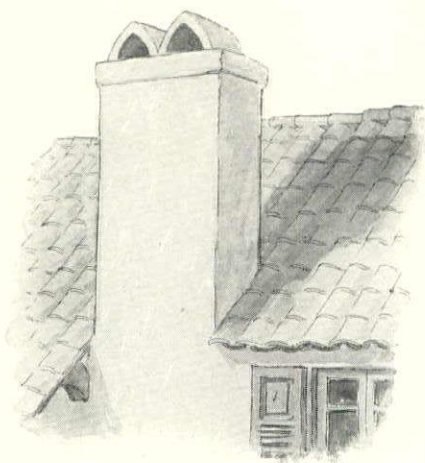
Bricks showing at irregular intervals give texture to a white-washed chimney on a suburban house. Chimney pots are from Northwestern Terra Cotta Co.



Here a tall chimney rising from the junction of two roofs has three rather tall formal chimney pots. W. S. Dickey Clay Mfg. Co.

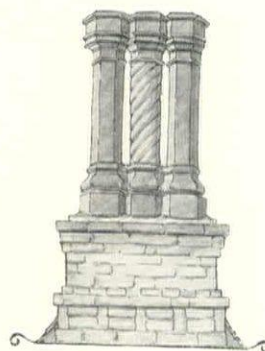
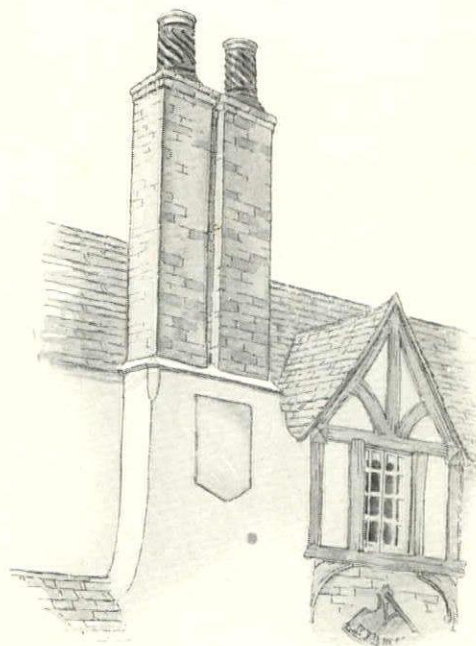
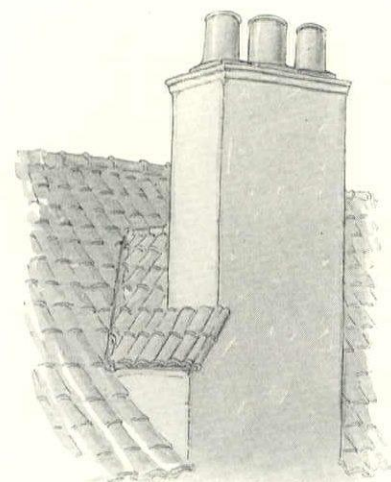


A brick chimney surmounted by a stone coping topped by chimney pots which have a formal aspect. Chimney pots courtesy W. S. Dickey Clay Mfg. Co.

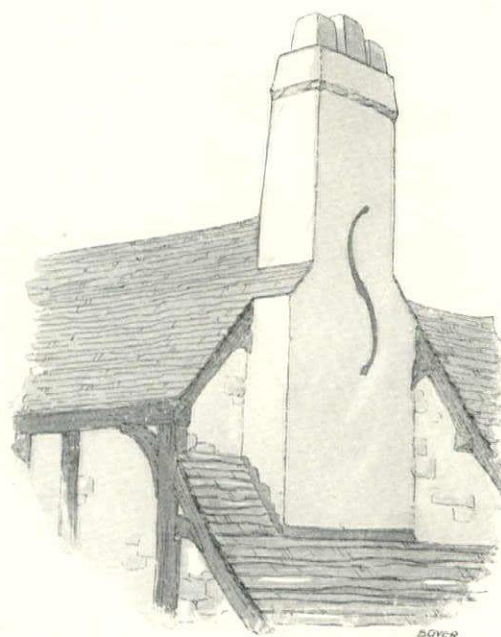


(Left) This extremely simple chimney, constructed of brick and stuccoed, is designed for use upon a Mediterranean type house

(Right) Another chimney for a stucco or cement surfaced house is finished with round chimney pots. W. S. Dickey Clay Mfg. Co.



English Tudor and Gothic houses need ornate chimneys, such as shown above. Chimney pots from the Atlantic Terra Cotta Co.



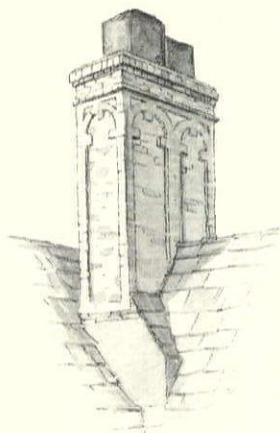
This type of chimney is in character with the English country house style of residence as built in America. Chimney pots are from the Atlantic Terra Cotta Co.

Also appropriate for homes in the English country house or manor fashion is the chimney sketched above. Chimney pots are from the Gallozway Terra Cotta Co.

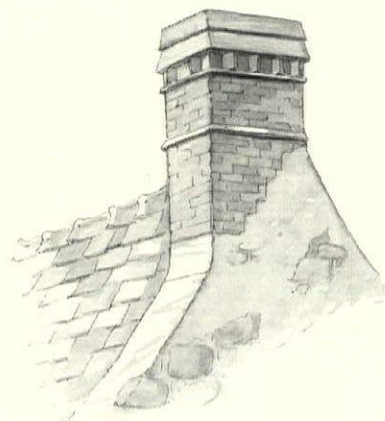
VARIOUS CHIMNEYS FOUND IN THE OLD WORLD



This chimney, found on a cottage at Lisiens, France, is topped with rather oddly shaped pots, through holes in the sides of which smoke is emitted



On a formal English house we find a chimney that in its decoration is a reflection of the spirit in which the residence was designed

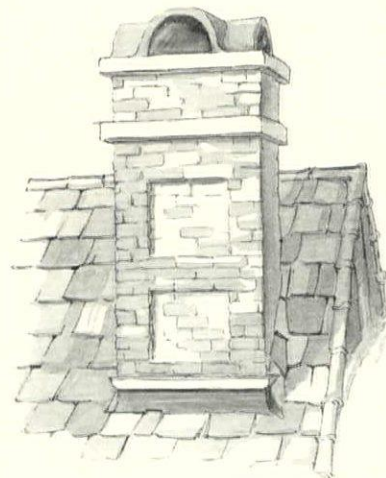


At Authon, Eure et Loire, the chimney rising from a house wall has projecting bricks set below its cap to make an interesting play of light and shadow

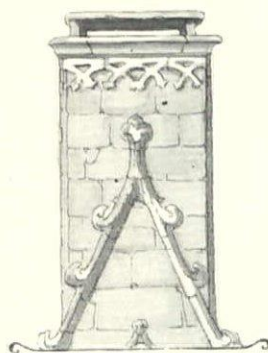


(Left) A stone plaque set into the chimney of a French cottage near Danville, Eure, was inscribed with the owner's coat of arms

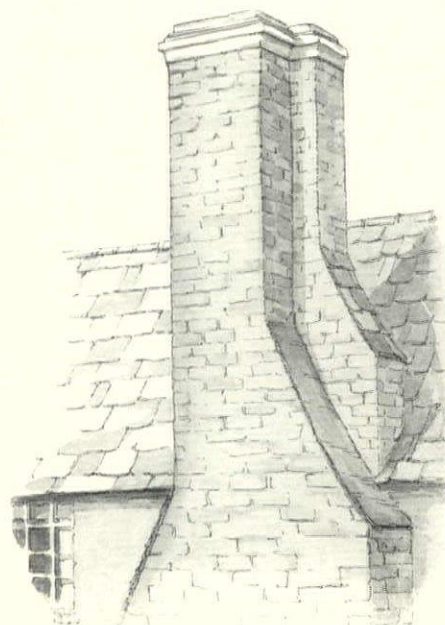
(Right) Rather ingenious is the cap over the chimney of a French chateau, so designed that rain and snow are kept from entering



One of the end walls of an old cottage in Kent, England, is constructed of brick partly plastered over, and contains the double stack chimney which projects above it

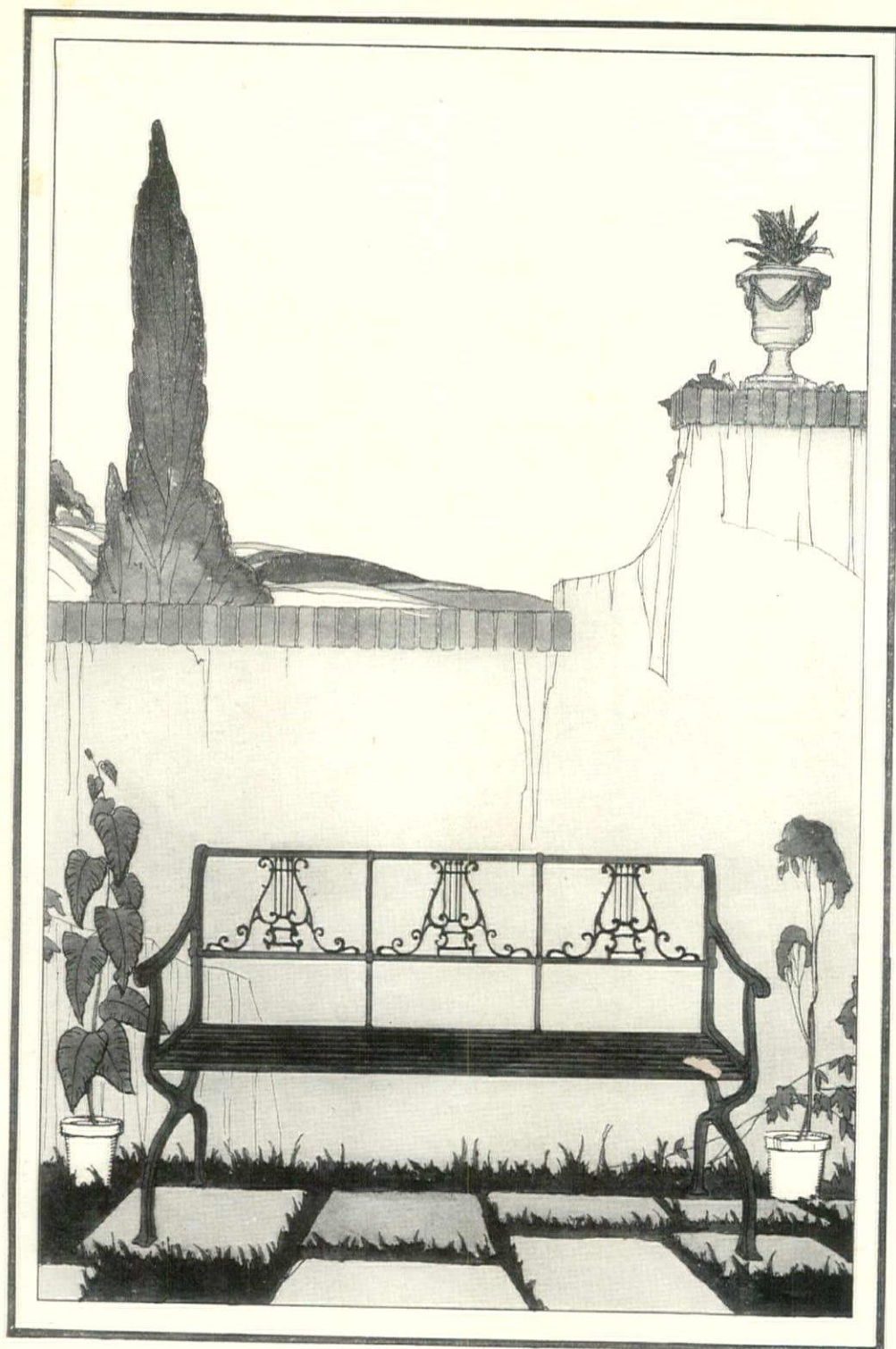


The decorative Gothic treatment of a large French residence has been carried even to its chimney which is shown sketched above

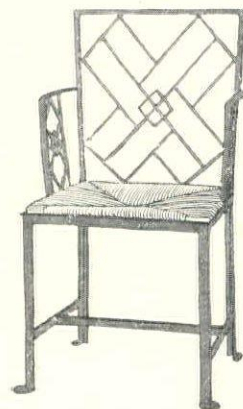


Many brick chimneys similar in design to the simple one from Berkshire sketched above are to be seen on farmhouses throughout the rural districts of England

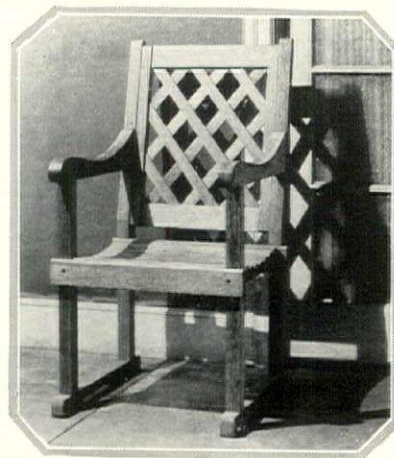
FOR PORCH OR TERRACE



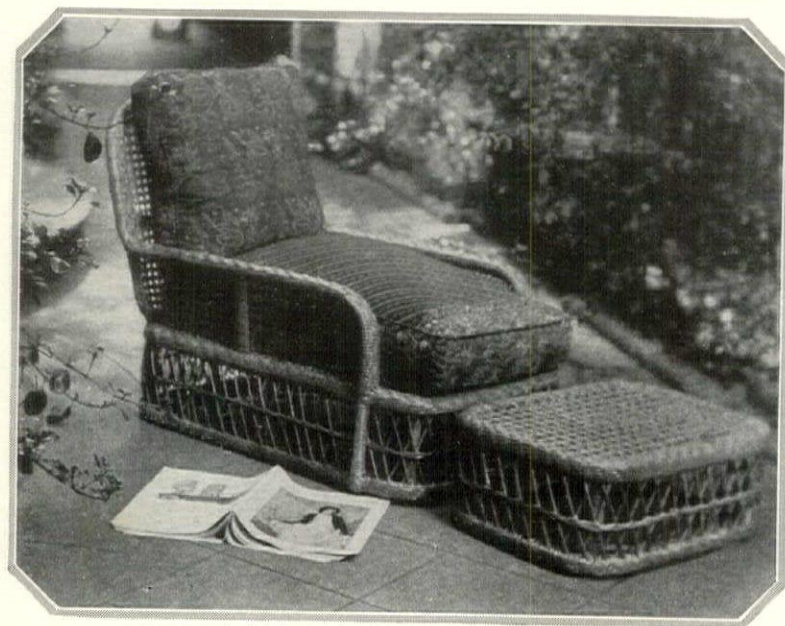
Cast iron is coming in again. Here it is applied, in a delicate design, to a garden bench, suitable for setting in front of a wall. From the Snow Iron Works



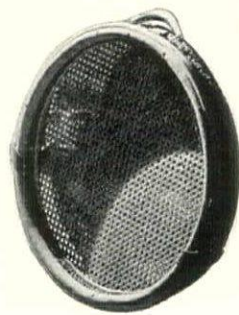
A Chinese Chippendale effect is given to this iron garden chair. Its seat, which is easily removable, is of rush. From Ruth Collins



The sturdy lines of this garden chair of unpainted wood recommend it for a permanent outdoors place. From the Arden Studios



(Left) In the Philippines, whence this came, it is called a siesta chair. It is of wicker and has down cushions that can be covered in any material. The stool is a separate piece. From the Arden Studios



Instead of the ubiquitous cushion, one may carry around the garden this cane chair. Leather straps hold the back in place and the handle is for carrying it about easily. It comes suitable for tennis courts, beaches and lawn. From Ruth Collins

FURNITURE IN GARDENS



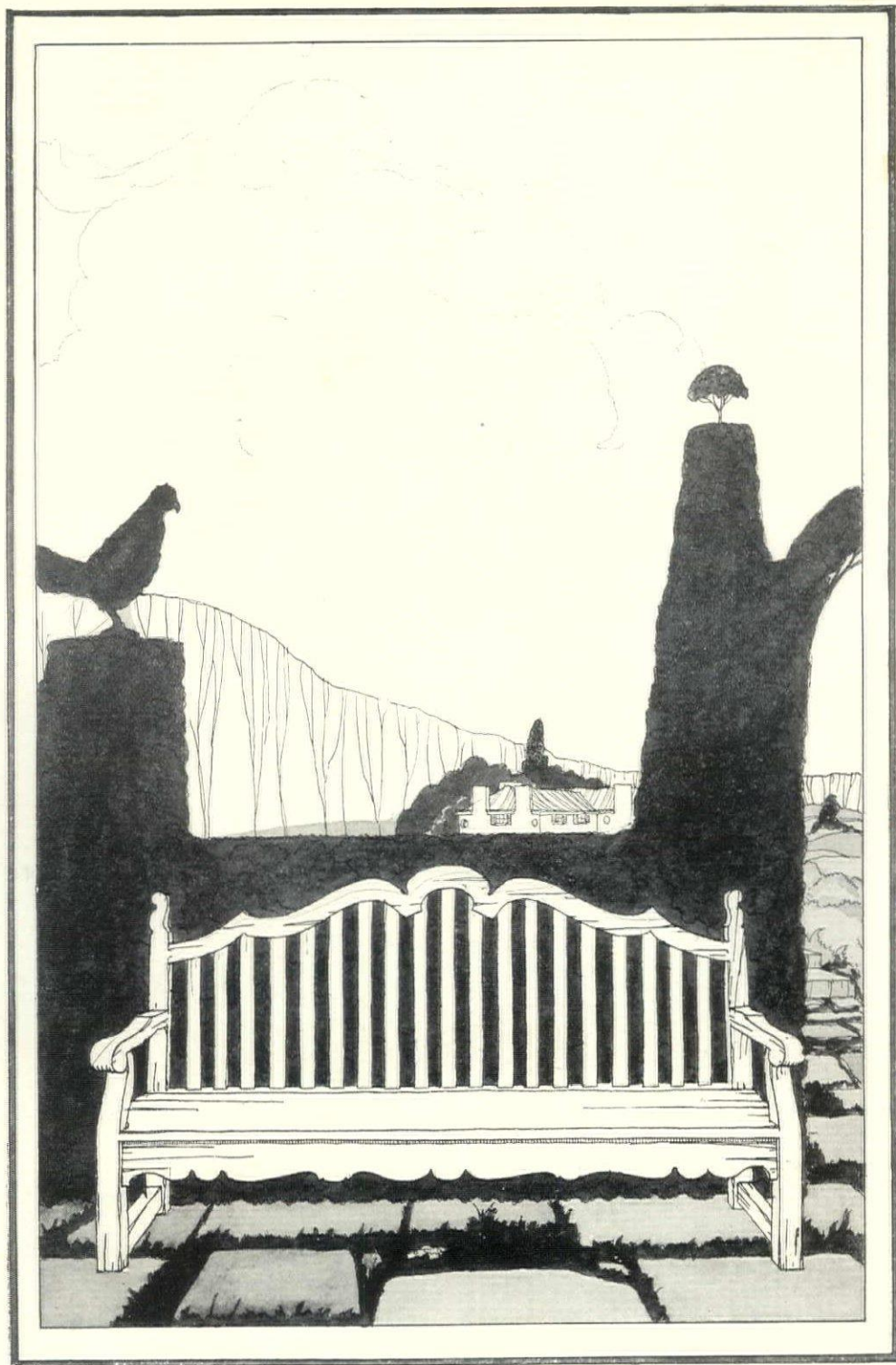
A weather-proof chair to be used for garden or terrace is found in iron, painted either an antique green or a terra cotta red. Ruth Collins



"Le Touquet", a folding garden chair, comes in green or can be painted in any color desired. From Wanamaker's

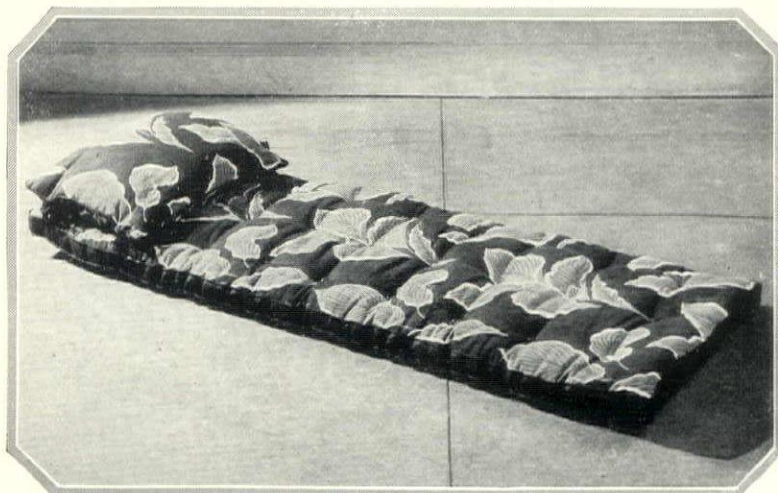


Under the cool shade of trees or on the porch or terrace this summer outdoor chair would be a welcome furnishing. It is of natural French cane with Spanish stripes in red, green and gold. From the McHugh Willow Furniture Company



Since a garden bench often marks a focal point—at the end of a path or against shrubbery or a hedge—its design must be pleasing. This is an excellent choice for use in just such positions. From the Coons Manufacturing Company

For beaches, lawns and yachts has been made this lazy pad. It can be rolled up for storage. The covering material has a black ground and green leaves, or any desired material may be used. Ruth Collins





This incense burner of bronze and silver affords an interesting example of 14th Century design created in Mesopotamia. Courtesy of the Metropolitan Museum

COLLECTING SWEET FRAGRANCES

Perfumes Have Always Charmed and Intrigued

Those Who Seek The Old and Curious

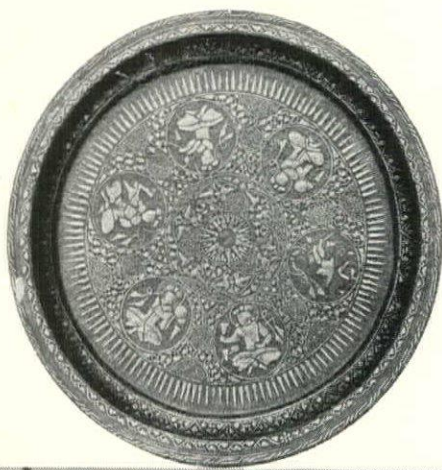
GARDNER TEALL

IN all the pharmacopeia of wizardry I doubt if any charm in power is greater than sweet fragrancy to stir the mind.

This must always have been so. The fragrance of flowers, the perfume of meadow, field and forest, balsamy incense, the odor of sweet spices—all these must always have conjured up within the mind some atavistic reflection. "And because the breath of flowers", says Francis Bacon in his essay *Of Gardens*, "is far sweeter in the air, where it comes and goes, like the warbling of music, than in the hand, therefore, nothing is more fit for that delight than to know what be the flowers and plants that do best perfume the air."

But long before Elizabethan times, the virtues of sweet fragrancy were recognized, and indoors as well as out delight was sought in them. Perhaps one of the earliest uses of artificial perfumes, (if, indeed, it was not that which first brought about thought of their compounding), was the counteracting by their means, the somewhat nauseous

(Right) Battersea enamel, of 18th Century English workmanship, often was used to fashion scent bottles, as in this quaint example. Note the metal top



odors of burning sacrificial offerings. Certainly the ancient priesthood of nearly all religions were skillful in making incense, and this perfume came naturally into ritual. Again, it was believed that incense had medicinal value, was more or less of a sure disinfectant, and so its use in the crowded, ill-ventilated, unsanitary churches of centuries ago would have persisted in all probability.

Ancient writings contain frequent allusions to perfumes of all sorts. Sophocles said "Thebes reeks with incense." In Horace, *Epistles*, we read " . . . (my writings) shall be consigned to that part of the town where they sell incense, and scents, and pepper, and whatever is wrapped up in worthless paper."

Someone has said (I do not know who) that the Lotus has its roots in the mud of the Nile and its perfume at the

(Above) An incense burner tray of bronze and silver, accompanying the 14th Century burner from Mesopotamia shown at the top of this page

France of the 18th Century was the source of the delightful porcelain perfume burner shown at the left. Courtesy of the Metropolitan Museum of Art



throne of God. When Howard Carter brought forth from the Tomb of Tut-ankh-amen five beautiful vases of alabaster which had contained sweet, scented oils for the daily anointing of the king, those to whom he showed them are said to have detected a fragrance left by the contents after all these thirty-three hundred years.

The Romans also placed perfume in tombs. Pliny writes of fashions in perfumes among the *beau monde* of his day, and Seutonius tells us that in the dining hall of Nero's Golden Palace was placed a mechanism of ivory and silver for spraying the Emperor and his guests with perfumed waters as they reclined feasting. At the funeral of the Empress Poppaea more incense, it was said, was consumed than Arabia could get together in ten years time.

Mohammed held forth a goodly store of perfume to believers as one of the rewards they would receive in Paradise, and to Avicenna, an Arabian

physician who flourished in the 10th Century we owe the invention of Rosewater. This the Crusaders brought into Europe for use at the tables of the nobility, whose guests laved their hands in the new luxury. Matilda, Queen of Henry I. of England had sent her from France a wonderfully-wrought peacock of silver, intended as a receptacle for Rosewater. This reminds one of an earlier use of scented waters: A Chinese scholar and poet, Liu Tsung-yüan, who lived in the latter part of the 8th Century and in the first quarter of the 9th, said that he never ventured to open the books of the celebrated poet, Han Yü, without first washing his hands in scented water.

Royalty has always sought the charm of sweet scents: Clovis, the first Christian King of France, was baptized amid clouds of incense; Athelstan, grandson of Alfred the Great, the first king to unite England, received as a precious gift from the

(Continued on page 114)



"The Huntress", a figurine scent bottle of German Meissen porcelain made about 1740. From the Metropolitan

This pious little Meissen porcelain figure is, in reality, a German scent bottle, which was made about 1730



Incense and perfumes and the accessories for them date very far back. This burner, shown open and shut, is of 13th Century Syro-Egyptian bronze work encrusted with gold and silver



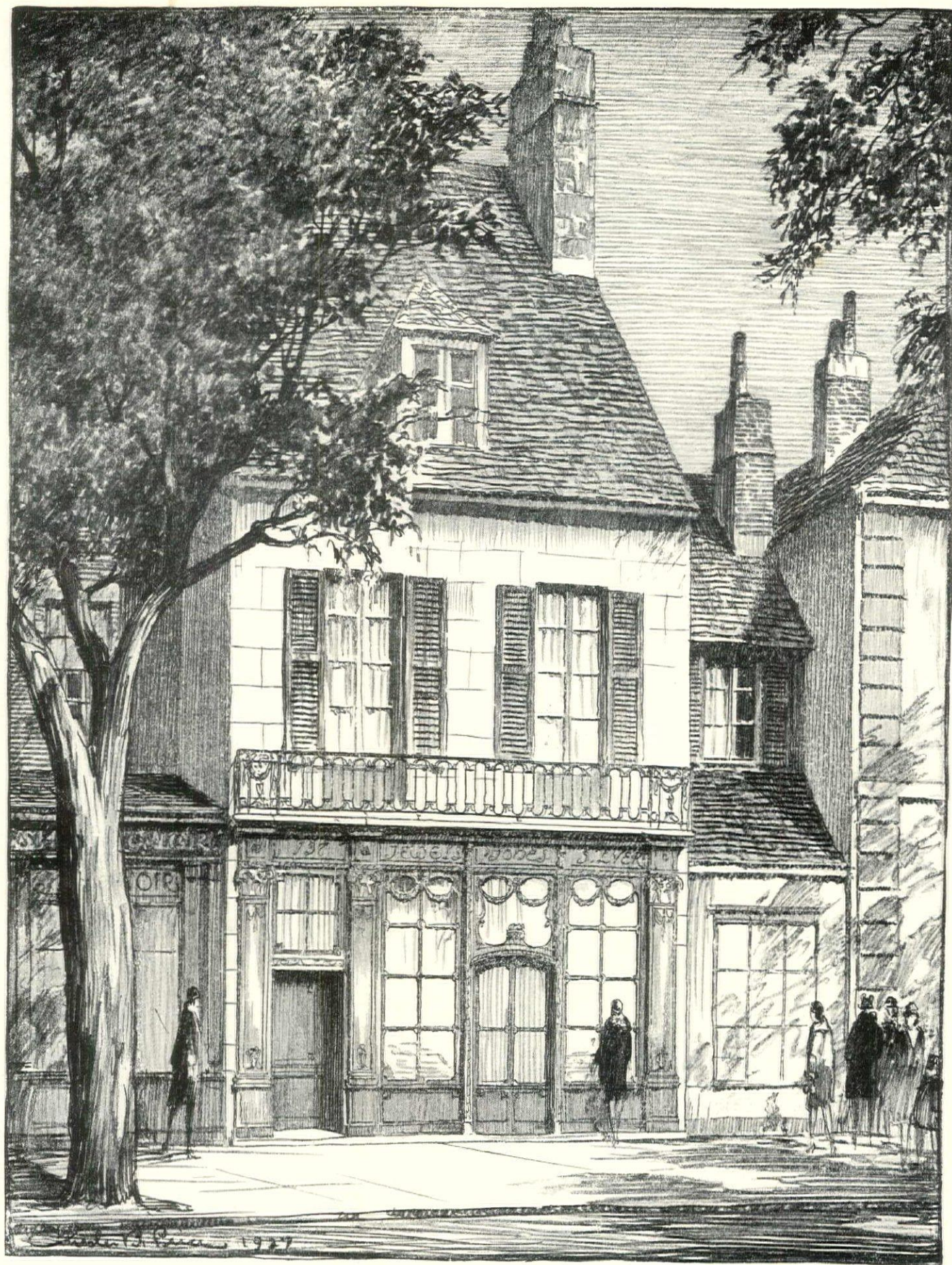
A silver Dutch pomander box of mid-17th Century workmanship, designed to be worn by a cord or chain as a trinket



Dating a century later than the pomander box shown opposite, is this quite similar example coming from Holland



During the Sung Dynasty of China—A. D. 960—1277—was made this urn-shaped celadon incense burner and its cover



IN THE MANNER OF LOUIS SEIZE

In the Metropolitan Museum of Art is preserved one of the finest examples of a Louis XVI shop front. To show how well this can be adapted for an American site—a jewelry shop, for example—Chester B. Price has visualized it in a modernized setting of the period.



To the left is what you usually find on the business streets of the average American city—a hodge-podge of architectural monstrosities. On the right this same street is visualized with respectable architecture. The better designed buildings cost no more than the poorer

SHOPS FOR TOWN BETTERMENT

A Vast Improvement Can Be Made In The Shop

Fronts of an Average American Town

AN attractive shop front is proof of the taste and enterprise of the proprietor within, and a street-full of attractive shop fronts is a sign of the taste and prosperity of the community in which it is found.

Within the last ten years it has become increasingly apparent that Fifth Avenue and Main Street are budding and blossoming. Even the terrible effects that have been achieved at times are very often obviously less a move in the old and opposite direction than the result of over-zealous attempts at beauty and picturesqueness. The latter quality is a dangerous one with which to play and is responsible for most of the failures, giving as it does, to a façade actually composed of steel, stone and brick, a feeling of stage scenery and *papier mâché*. Turrets, false gables, silly "antique" stuccoing, "quaintness" are all right as tricks in the movies, but for a purpose in which an impression of soundness is desirable, it is better to design façades which look as though they could, without warping or shrinking, resist a stiff breeze or a sharp summer shower.

At the top of the page is shown the contrast between the haphazard block of the speculative builder and a façade of shop fronts in which not only the amenities of

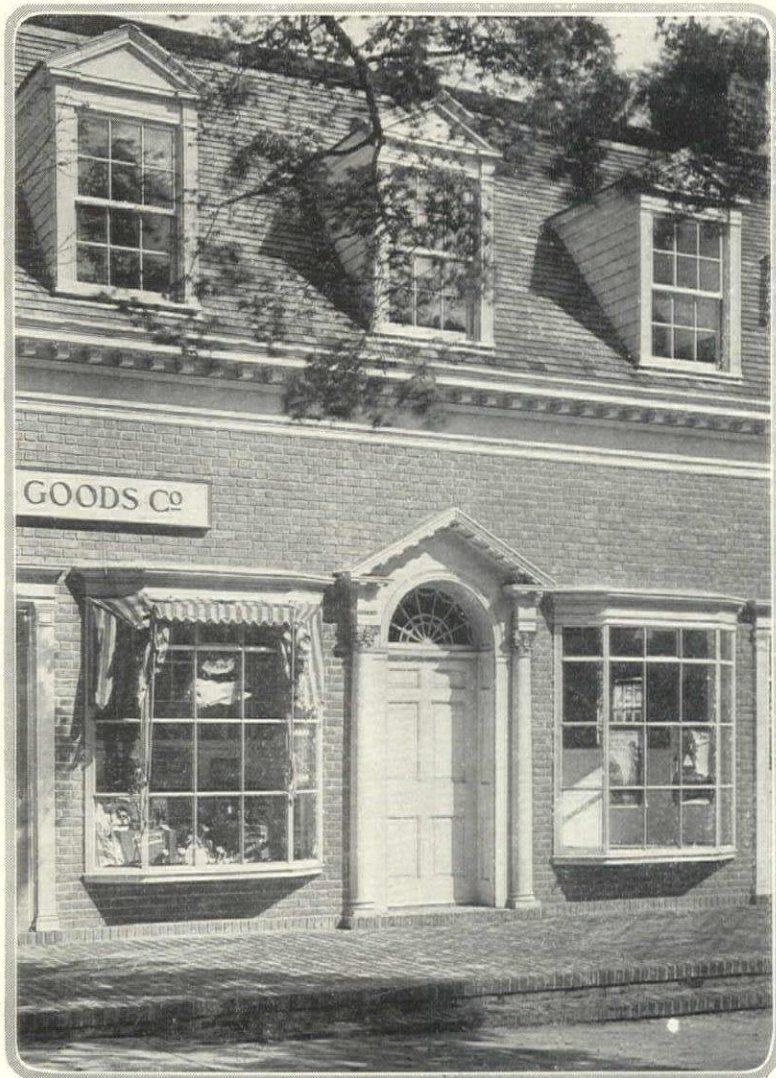
architecture have been preserved but in which some respect has been paid to the taste and intelligence of the occupants, the patrons and the passers-by. The slight difference in original cost between the two would soon vanish in the difference between the two up-keeps. It would also vanish in the difference between the two revenues. As a matter of fact, it would

vanish in the town's self-respect as created by the difference between a feeling of shame on the one hand and one of pride on the other. Almost unconsciously to offer excuses for the higher cost of the better design, even on such reasonable grounds as these, is an indication of the attitude of many builders towards buildings. For there is a certain type of builder whose utter lack of feeling for architecture, and whose desire to achieve what he considers the greatest effect with the smallest expenditure, makes him a menace to the community. And as the nature of business buildings and shop fronts is in a way semi-public, the community should discover some means of persuading him to build better and with more regard for beauty.

Part of the charm of Paris streets is due, no doubt, to the shop fronts, some of which are gems of architecture. The one illustrated on the opposite page may be seen at the Metropolitan Museum, where it is set up just as it stood in the French capital. It is full of suggestions for shop fronts here which do not require an expanse of plate glass for window displays. It would be ideal for a small restaurant or a book store.

The problem of converting
(Continued on page 134)

This is the twenty-fifth of House & Garden's series of articles on Town Betterment. A list of all the topics previously considered will be found on page 138



Clark

A shop front in Watertown, Conn., designed by Electus D. Litchfield, showing the application of good Georgian motifs to the front of a modern shop

The GARDENER'S CALENDAR for JUNE

This Calendar of the gardener's labors is planned as a reminder for all his tasks in season. It is fitted to the Middle States, but should be available for the whole country

if for every one hundred miles north or south there be made a difference of from five to seven days later or earlier in operations. The dates given are for an average season

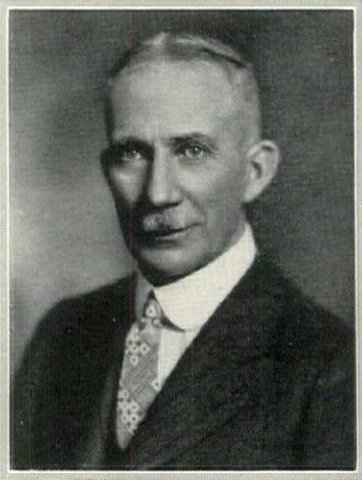
| SUNDAY | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>The summer night waneeth, the morning light slips Faint and gray 'twixt the leaves of the aspen, betwixt the cloud-bars, That are patiently waiting there for the dawn: Patient and colourless, though Heaven's gold Waits to float through them along with the sun. —William Morris</p> | | | <p>1 Over-crowding is a common condition among vegetables and flowers grown from seed sown directly in the garden. To remedy it, pull out and discard the weaker plants.</p> | <p>2 Gladiolus bulb plantings may be made until the middle of June, or even later than that in regions where autumn frosts do not appear until some time during October.</p> | <p>3 Nipping off the tips of growing plants — "pinching back," the gardener calls it—results in a sturdy, branching growth, as shearing does with trees and shrubs.</p> | <p>4 Most of the annual climbing vines, which make an astonishing growth in the course of a few months, need full sunlight. Good soil, too, is important for success.</p> |
| <p>5 As the Strawberries show signs of ripening a mulch of clean straw should be placed under their leaves and stems, right up to the crowns. It helps keep them clean.</p> | <p>6 Many of the flowers that grow in clumps should be supported against breakage. Three stakes placed around them at equal intervals, connected with twine serve.</p> | <p>7 The Tritonias or Montbretias are one of the most satisfactory of summer flowering bulbs. They like the same conditions as Gladioli—light soil and full sun exposure.</p> | <p>8 Cutting the Rhubarb should stop before the plants cease sending up new leafstalks. Unless a fair amount of foliage is left on all summer the plants will be weakened.</p> | <p>9 The compost heap is quickly depleted during the planting season, so constant additions to it ought to be made. Grass clippings, vegetable tops, sods—all these are good.</p> | <p>10 Sharp, clean tools help the gardener as well as the carpenter. A little grindstone work on spades, hoes and shovels means easier, quicker digging and cultivation.</p> | <p>11 Waterlilies need full exposure to the sun in order to be at their best. Given this, and the proper depths of water and soil in the pool, they are easy to grow and quite lovely.</p> |
| <p>12 Soil cultivation immediately after rain or artificial watering is inadvisable. Wait until the surface has dried enough to prevent caking and sticking to implements.</p> | <p>13 Slugs should be killed wherever found. Classed among the injurious flower pests they sometimes do great damage in rock gardens, especially during wet seasons.</p> | <p>14 A half-dozen goldfish kept in the Waterlily pool will do much to keep the water free from mosquito larvae. In the winter they can be kept in an inside aquarium.</p> | <p>15 Transplanted wildflowers, especially those which have been recently collected, ought to be kept mulched with finely broken dead leaves, imitating natural conditions.</p> | <p>16 Thorough removal of all adhering soil from spades, hoes and other implements ought to be attended to immediately after use. Otherwise it will cause rust.</p> | <p>17 Outdoor seed beds need some sort of shade which will not interfere with free air circulation. One of the best means of supplying it is a lath screen on posts 2' high.</p> | <p>18 The leaves of all the spring-flowering bulbs should be allowed to ripen naturally, thus permitting the bulbs to store strength for next year. Cut when they turn yellow.</p> |
| <p>19 Dahlias ought not to be allowed more than a single main stalk, if large blooms are desired. Other shoots starting from the tubers should be removed while small.</p> | <p>20 No lawn-mower is better than its adjustment. If the blades do not fit evenly along the length of the cutter-bar there will be undue wear as well as uneven cutting.</p> | <p>21 Unless all surrounding soil is naturally acid, better keep a mulch of Pine or Hemlock needles, or Oak leaves, on the ground under Rhododendrons and Laurels.</p> | <p>22 Food put out for them in summer makes little appeal to our native birds because of the abundance of natural provender then. A supply of water will attract them.</p> | <p>23 Sharp scissors are the best tools for cutting flowers. One of their advantages is that, properly used, they eliminate the danger of tearing and breakage by other methods.</p> | <p>24 As the Corn develops side shoots or suckers will appear low down on the main stalks. These are unproductive, divert the plants' strength, and should be broken off.</p> | <p>25 The Lilac bushes will make a better showing next year if the dead flower heads are picked off now. Besides, such a procedure will give the plants a neater appearance.</p> |
| <p>26 No work should be done among the Bean plantings while they are wet with dew or rain. Neglect of this warning leads to spotting, especially in a damp season.</p> | <p>27 If there are any rampant growers among your rock garden plants, this is the time to watch them and check their inroads among their less assertive flower neighbors.</p> | <p>28 To be on the safe side, use no manure on his plantings unless it is very old and thoroughly decomposed. Bone-meal is safer and will supply any nourishment that's needed.</p> | <p>29 One of the quickest ways to ruin rubber garden hose is to let it lie around in the hot sun. It ought to be rolled on a reel and put away in a shady place soon after use.</p> | <p>30 Even shaded plantings need watering in dry times, particularly when they are under trees. Tree roots take up a lot of soil moisture, some of which must be replaced.</p> | <p>Then came the cowslip, Like a dancer in the fair, She spread her little mat of green, And on it danced she. With a fillet bound about her brow, A golden fillet round her brow, And rubies in her hair. —Sydney Dobell</p> | |



MAX SCHLING
An outstanding figure among the florists of America and a past master in the art of cut-flower arrangements and their decorative use indoors



CHARLES TOTTY
His floral interests are many, but he is especially noted as a grower of fine Chrysanthemums and Roses and a creator of new varieties



BERNARD SLAVIN
He has been connected with the famous Rochester Parks since their inception, and is now Superintendent. Several trees are named for him

*Delightful variety
in soups!*

Campbell's
PRINTANIER
SOUP



LOOK FOR THE
RED-AND-WHITE LABEL

WHEN TO SERVE CLEAR SOUPS

ONE OF THE most fascinating features about soup is its almost endless variety. The clever home manager finds in soup her most delightful and convenient ally in making her daily meals "different". Tomato and Vegetable are, of course, the favorite soups. In fact these two kinds have made soup so popular that the planner of the meals is likely to find the family hoping for it and expecting it every day. So she is grateful that she can choose from nineteen different kinds of Campbell's Soups, in addition to Tomato and Vegetable. All blended and prepared and requiring only the addition of water and a few minutes simmering before placing on the table!

CLEAR SOUPS, when included as a part of a meal, should be regarded as the introduction or forerunner to what is to follow. They are not to be depended upon to supply as generous a part of the nourishment as the thicker soups. Thus the clear soups are appropriate at the beginning of a hearty dinner and to give the first warm glow to the luncheon or supper when other dishes are to follow. At formal occasions—the fashionable dinner or luncheon—the clear soups are in special favor because of their charming appearance, their delicious flavor and their invigoration. For the same reasons they are prized for the longer meals on the family menu.

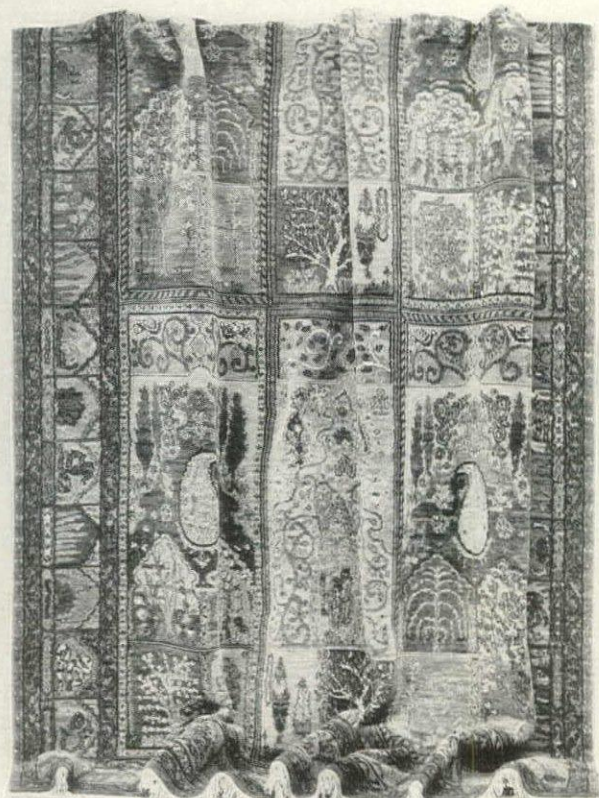
CLARIFIED broth of the choicest beef is the principal ingredient of these clear soups. They are therefore especially valuable as a tonic to the appetite and in inducing a free flow of the digestive juices. Remember this about them and serve them whenever the appetite needs coaxing and whenever your wish is mainly for the brisk invigoration of a bracing hot liquid food. Many a time you look to the soup chiefly for that and then your selection should be a clear soup. Oftentimes, too, after exercising in the open air, a brisk motor ride, or before retiring at night, nothing "goes right to the spot" like a piping-hot cupful of clear meat soup. Of course, the value of Campbell's Bouillon for invalids and convalescents—adults and children—has long been recognized. Campbell's Printanier, Jellied (you simply put the can on ice overnight), is a summertime favorite.

Your grocer has, or will obtain for you, these clear Campbell's Soups—Consommé, Bouillon, Printanier, Julienne. 12 cents a can.



When we have a race for dinner
Count on me to be the winner.
I can hardly wait a minute
For my bowl with Campbell's in it!

WITH THE MEAL OR AS A MEAL SOUP BELONGS IN THE DAILY DIET



MOSQUE PRAYER RUG
Reproduction

BENGAL-ORIENTAL RUGS

*Why We Reproduce Only Persian
Rugs of Highest Quality*

THE value of a Persian rug may depend upon its antiquity—its color—its physical quality—its rarity of origin—its weave.

Reproducing a rare rug authentically for you presents no greater problem to us than the weaving of a "Tapis Ordinaire", so, naturally, we concentrate our efforts on the Oriental rug of unusual value and charm. You have never seen an Oriental rug faithfully reproduced unless you have seen the Bengal-Oriental . . . the wonder is that rugs so Oriental can be made anywhere but in the Orient.

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JAMES M. SHOEMAKER CO., INC.

119 WEST 40TH STREET, NEW YORK

A Consulting Decorative Service Without Charge. Mail the coupon with full details and we will send you color-plates and information as to sizes and prices.

Please send me color plates of rugs for

- ☐ Living room, size..... ☐ Dining room, size.....
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☐ "Backgrounds of Oriental Beauty" by Alice Van Leer Carrick.

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My dealer's name is.....

*Mail this coupon to Consulting Decorative Department
THE HOUSE OF SHOEMAKER, 119 W. 40th St., New York*



Pale blue Hydrangeas are given well-chosen prominence in the Ballinger garden. This view is from the top of the steps which shows at the extreme left of the photograph on page 65

GARDENS IN 'THE NORTHWEST'

(Continued from page 66)

tural lines of the house, the warm tone of the soft pink wash of the walls, the tiled roof, the loggia and terraces, and the colorful awnings, all create a delightful composition whose charm is enhanced by the beauty and grandeur of its setting.

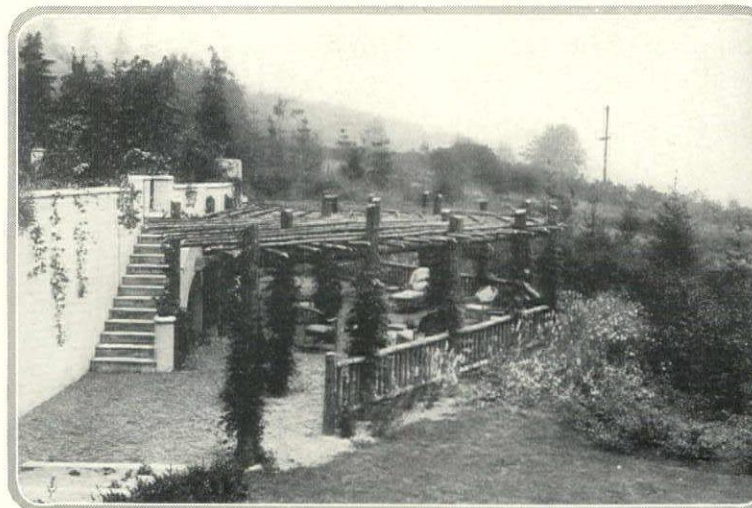
From the loggia on the south one looks into an exquisite, paved, sunken garden approached by a short flight of steps either side of the terrace, and also from the garden lying at a higher level. Within the enclosing walls, with a framing provided by trees that open into lovely vistas across the garden, or to the sea and mountains beyond, one feels the irresistible charm of a small and beautifully proportioned garden. The shallow pool, with its blue lining and the shadows of Iris and other overhanging plants playing on the clear surface; the low-lying beds of flowers; the fine mass effects of pale blue Hydrangeas in pots emphasizing the main axis of the garden; the warm toned brick paving contrasting with

the plain walled surfaces and the curbing—every detail is an essential factor in the design of the whole, well as contributing its own individual accent of beauty.

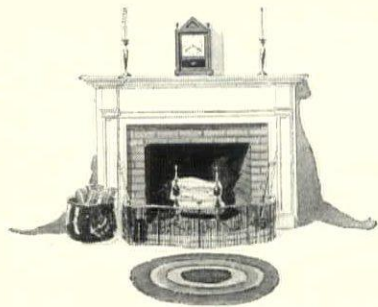
Someone has said that the form of a paved garden may be compared to a drawing room, and should be furnished with the silks and tapestries of the flower world rather than cotton and chintzes. To me the small garden may possess something of the distinctive charm and exquisite beauty of a miniature. The form and texture and color of even the tiniest flower face does not pass unobserved and the varied and characteristic appeal of each one invests it with an almost human fascination.

Mounting the steps on the right looking towards the house, one enters the long grass path which runs parallel with the paved garden and lined on both sides with Hawthorn trees planted at short intervals, a delightful background for the flower

(Continued on page 116)



One of the new features of Mr. Ballinger's home is a rustic pergola on a level with the house foundation walls. This will soon be transformed by a covering of Grape vines and Wisteria



SILVERPLATE *is rediscovered for the modern home*



*"... fine silverplate, in every way
worthy"*



"... she presides over a stately service of handsome silverplate"



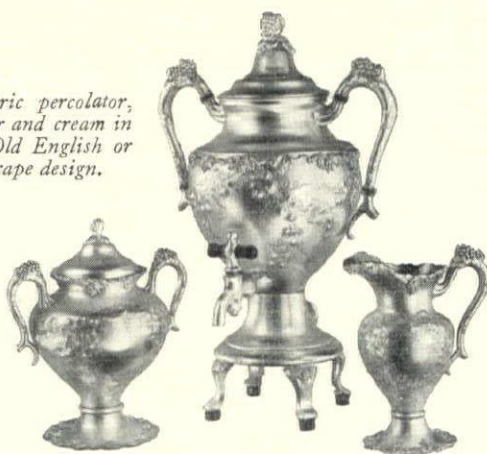
"... they will last for a lifetime"

How well this woman understands a home!" you say, as you glance around the comfortable, modern living-room. But here is more than the careful selection of rugs, or prints, or draperies. . . . Tea before the open fire becomes a friendly ceremony. A charming hostess presides over a stately service of handsome silverplate. Candles shine in rich silver sticks . . . the little drama proceeds.

Analyze this woman's home, and you realize she has rediscovered our heritage of fine silverplate—its decorative interest, its subtle color, its restrained splendor. Go into her dining-room—her meals are not only wisely planned, but effectively served. She appreciates the economy as well as the beauty of International Silverplate. She employs her silver platter, her silver

vegetable dishes and gravy boat for family dinners as well as when she entertains. She uses her silver water

*Electric percolator,
sugar and cream in
the Old English or
grape design.*



pitcher and bread tray at every meal, for she knows they will last for a lifetime.

International Silverplate means *fine* silverplate, in every way worthy, at prices that people of moderate means can well afford. Whether your home has a rather formal elegance—period rooms with an Old World flavor, or reflects the simplicity of Early American days, you find the type of thing that appeals to you as most suitable in International Silverplate. For yourself or as a gift, you rightly consider a purchase of silverplate an important investment. Therefore, be guided by a guarantee of satisfaction made possible by long established reputation for excellence. International Silverplate is sold in the better shops. Ask for it by name.

INTERNATIONAL SILVER CO.

INTERNATIONAL SILVERPLATE

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"The Rediscovery of Silverplate" is a very modern little booklet picturing many ways to carry out the fine old tradition of using silverplate in your own home. Free—send for booklet HW-70, Dept. E, International Silver Company, Meriden, Conn.

In the Colby Galleries—



FOR FINER INTERIORS

*A complete furnishing
and decorating service*

OUR representatives search the markets of the world to find distinguished furnishings for American homes. Here we present these furnishings in appropriate settings to offer decorative suggestions. Pictured above is a corner of an English living room reproduced in one of our galleries.

Whatever the nature of your decorating or furnishing problem, we shall be glad to cooperate with you. Consultation with our competent staff will not obligate you. If you are interested in some piece or group of furniture, but cannot conveniently visit us, write and we shall gladly tell you just what we have for your purpose.

John A. COLBY and Sons
Interior Decorators-Importers-Designers
129 North Wabash Avenue
CHICAGO

Antiques Reproductions Period Furniture



This Chinese porcelain incense burner was made during the K'ang Hsi dynasty—A. D. 1662—1722

COLLECTING SWEET FRAGRANCES

(Continued from page 107)

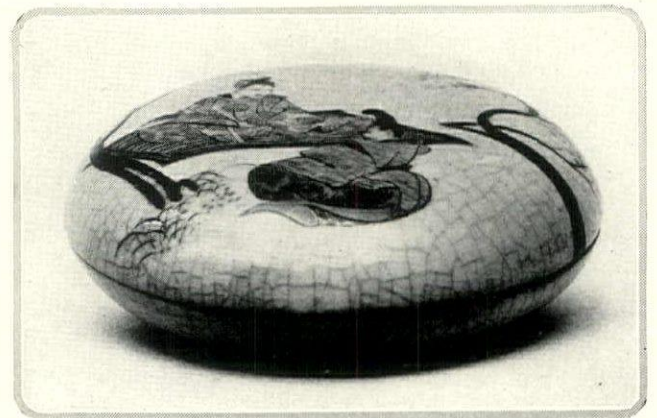
King of France such perfumes as had never before been known in Britain; Charlemagne had the hangings of his palace walls perfumed; the first alcoholic perfumes were called "Hungary Water" in compliment to the Queen who interested herself in their distillation. Elizabeth of Hungary is said to have had the secret from a pious and perfume-loving hermit in the year 1370. The English Queen, Elizabeth, imported scented gloves from Italy, and wore them when she sat to a painter for her portrait. This fashion of perfumed gloves was still popular in Molière's day, as we may gather from the perfume references in the scene between Mascarille, Madelon and Cathos in *Les Precieuses Ridicules*. Queen Elizabeth also took pleasure in pomanders, those perforated hard-perfume receptacles, shaped like an apple. These hard-perfumes were made of different aromatic ingredients incorporated with some clayey substance and worked into form with a mixture of scented water. Their fragrance was believed to ward off contagion. An old receipt written in the 17th Century gives the following directions for making a pomander: "Take a quarter of an ounce of Civitt, a quarter and a half-

quarter of an ounce of Ambergreese, not half a quarter of an ounce of y^e Spiritt of Roses, 7 ounces of Benjamin, almost a pound of Damas Rose buds cutt. Lay gumdragon iⁿ rose water and with it make up y^e Pomander, with beads as big as nutmegs and color y^e with Lamb black (lamp black); when you make y^e up wash your hands with oyle of Jasmine to smooth y^e, then make y^e have a gloss, this quantity will make seven Braceletes."

Even today the English court is said to possess a perfume formula known only to the Court Perfumer and some members of the Royal Family. It is the formula of a perfume used for spraying the Palace apartments.

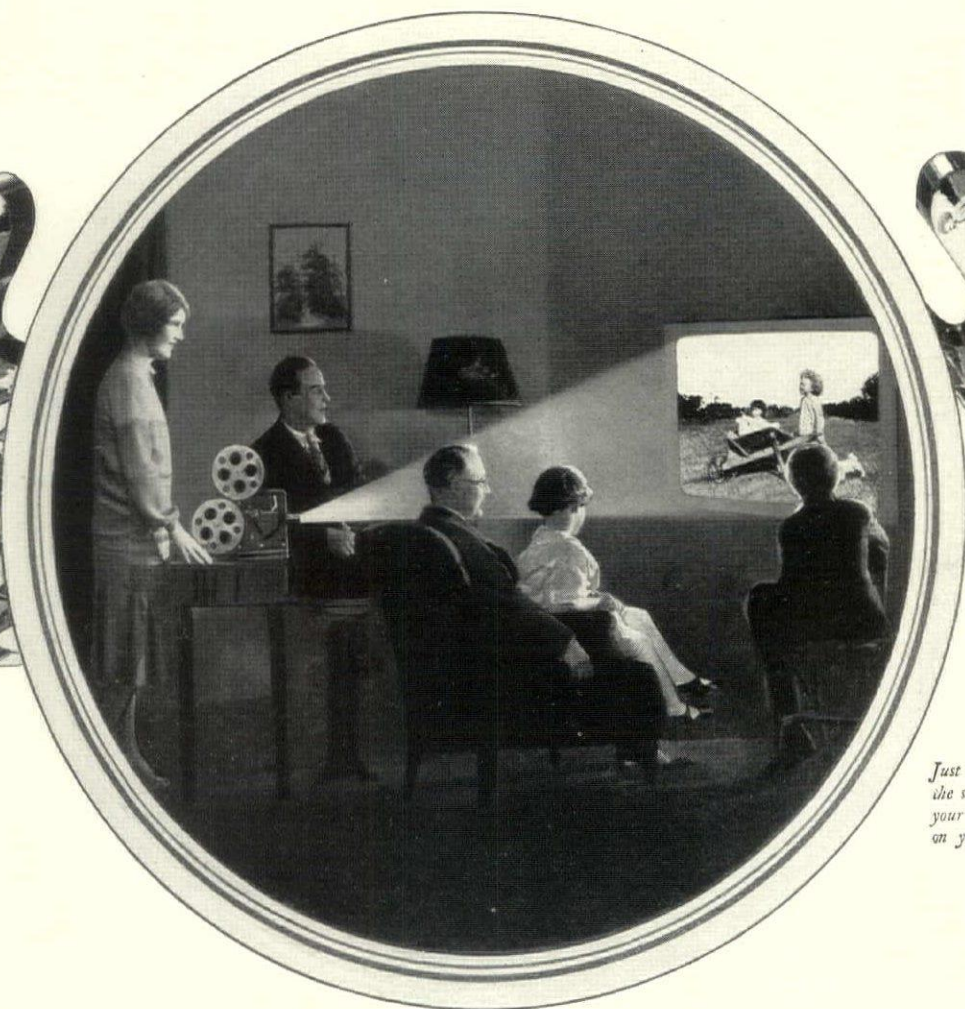
But all persons are not attracted by perfumes, at least by the same perfumes. A story was once related by Dr. Thomas Capellini of a lady who could not tolerate the perfume of Roses. She never went near them and never permitted them to be brought to her. One day, when visiting a friend, and passing into a room, she fainted at the sight of a Rose which was there in a vase upon a table. As the Rose was of the artificial variety, and unscented, this presented

(Continued on page 116)



A fine example of Satsuma work applied to an oval pottery incense box. Japanese work of the 19th Century

Make your own movies with a Ciné-Kodak



*Just a click of
the switch, and
your picture is
on your screen.*

*Its results will delight you . . .
Its simplicity will amaze you*

IT was the simplicity of the Kodak that created amateur photography, fostered it, maintained it. The Ciné-Kodak is grounded on the "know how" gained by the Kodak company in forty years of successfully serving the amateur picture maker. It fits the amateur requirements in motion pictures as fully as did its predecessor in making "stills." It puts Kodak simplicity into the movies.

The Ciné-Kodak provides every essential to the making of good pictures, with nary a bothersome non-essential. In quality it is an instrument of precision; its anastigmat lens fulfills every reasonable requirement without the bother of shifting. In operation it is as simple as a Brownie. The film finishing is done in our own laboratories at no extra charge. Anybody can make good motion pictures with a Ciné-Kodak.

You press the button . . . we do the rest

Complete outfit, Ciné-Kodak B for picture taking, Kodoscope C for projecting, and screen, \$140. Write us or ask your dealer for the booklet "Motion Pictures the Kodak Way."



*... Sight your
Ciné-Kodak at
waist height or eye
level.*



*Ciné-Kodak weighs only 5 pounds; hand
held; spring motor driven; loads in day-
light with amateur standard (16 m/m)
Ciné-Kodak Film in the yellow box.*

Eastman Kodak Company, Rochester, N. Y., *The Kodak City*

COLLECTING SWEET FRAGRANCES

(Continued from page 114)

an interesting subject for speculation.

Leopold Auer, in *My Long Life in Music* tells the following interesting incident of the *première* in Hanover of Gounod's *Faust*: "... I cannot forbear mentioning a surprise the manager introduced into the third act, in Marguerite's garden scene. The moment the curtain rose on this scene, the agreeable fragrance of flowers was wafted from the stage, and filled the entire house. The effect of this faint breeze of fragrance was magical. ... This scene assured the success of the work. I have often wondered why so natural and charming an effect has not been employed in other similar scenes: in the balcony scene of *Romeo et Juliette*, which takes place in the garden of the Capulets, for instance, or in the second act of *Parsifal*, where the Flower-Maidens dance in Klingsor's enchanted gardens."

In *Afoot in England*, W. H. Hudson writes: "We are all pretty familiar from experience with the limitations of the sense of smell and the fact that agreeable odors please us only fitfully; the sensation comes as a pleasing shock, a surprise, and is quickly gone. If we attempt to keep it for some time by deliberately smelling a fragrant flower or any perfume, we begin to have a sense of failure as if we had exhausted the sense, keen as it was a moment ago. There must be an interval of rest for the nerve before the sensation can be renewed in its first freshness."

The Japanese have developed an acute sense for detecting perfumes and also in naming their flower-prototypes, as displayed in their *Kiki-kō*, or "Incense-sniffing" ceremony, one which they have practiced since the year 1500, and which Basil Hall Chamberlain describes as follows: "The host produces, from among a score of different kinds of incense, five kinds, to each of which he affixes at pleasure a new name founded on

some literary allusion, and each name receives a number. The various kinds are then burnt in irregular order, sometimes in combinations of two or three kinds, and the guests have to write down the corresponding numbers on slips of paper by means of certain signs symbolical of the chapters in a celebrated classical romance called *Genji Monogatari*. He who guesses best wins a prize. When the nose gets jaded by much smelling, it is restored to normal discrimination by means of vinegar." And further on, "The art, the science, the mystery of incense-sniffing was practised by priests, Daimyōs, and other reverend seigniors. The incense-burners and other utensils employed were rare works of art, the meetings were conducted with grave etiquette, serious treatises have been written on the subject,—in a word, incense-sniffing coming next to the tea ceremonies in the estimation of men of taste, was a pastime at once erudite and aristocratic, and one which no Japanese would ever have thought of joking about."

Man's interest in sweet fragrance, his cultivation of it, his use of it, his adapting it to his prayer, pleasure or pastime, as it may happen to be, has been accompanied by the need of various objects such as incense-burners, incense boxes, perfume containers. Rosewater ewers, pot-pourri jars, pomanders and so on. But he has wished to go further than mere utility in the matter and has invested and continues to invest such objects with the most exquisite skill which his art is capable of applying. The centuries have bequeathed to us many of these beautiful things, things well worth seeking as objects of adornment in the home. Both private and public collections are rich in bits of such antiquity, and their study brings to us much in history that gives them particular interest as mementos of art and life in other days.

GARDENS IN THE NORTHWEST

(Continued from page 112)

borders which run from the attractive gate to the Italian well-head terminating the long vista at the opposite end. One steps from the drawing room and dining room and also through a doorway of the long hall to a paved terrace, reminiscent of its Italian prototype, with gay awnings, wrought-iron balcony, and wall lamps with shrubs and flowers in the four square beds. But recently added is the little garden built on a level with the foundation walls of the

house, where a rustic pergola of Grapevines and Wisteria will soon transform the enclosure into a quiet spot of leafy shade and shelter. It is an interesting feature in the landscape design of Olmsted Brothers, who, together with the architect, Sherwood Ford, have created a most delightful house and garden. But the individual and permanent charm without and within is the work of the owner whose appreciation of beauty is coupled with far-seeing vision.



The Chambord

To this design the famous Château Chambord pictured below lends its name, while the famous house of Theodore Haviland endows it with distinctive individuality and charm.

The warm, creamy whiteness, the deep, rich glaze, the graceful Pilgrim shape, the brilliant hues of tropic birds, the graceful flower motifs, and the soft allure of the broad ivory band—these make the appeal of the Chambord pattern go deep even at the first sight and handling; and deeper still with each new day of possession.

To be fully assured of genuine Theodore Haviland patterns and china quality, see that each piece bears one or both of these marks:



WHITE CHINA MARK

Theodore Haviland
Limoges
FRANCE

DECORATED CHINA MARK

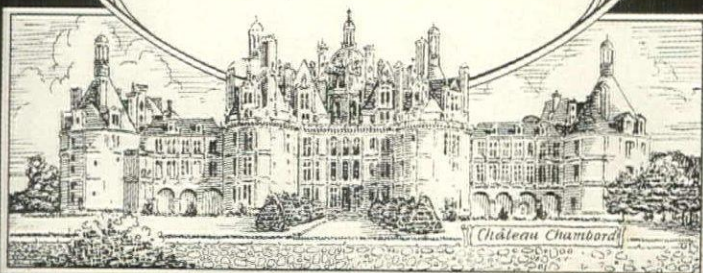
This china is to be had from good dealers, and is not as expensive as its quality might suggest. If your dealer does not have it, he can get it for you. Have him write us for full information. Booklet in color on request.

THEODORE HAVILAND & CO.

INCORPORATED

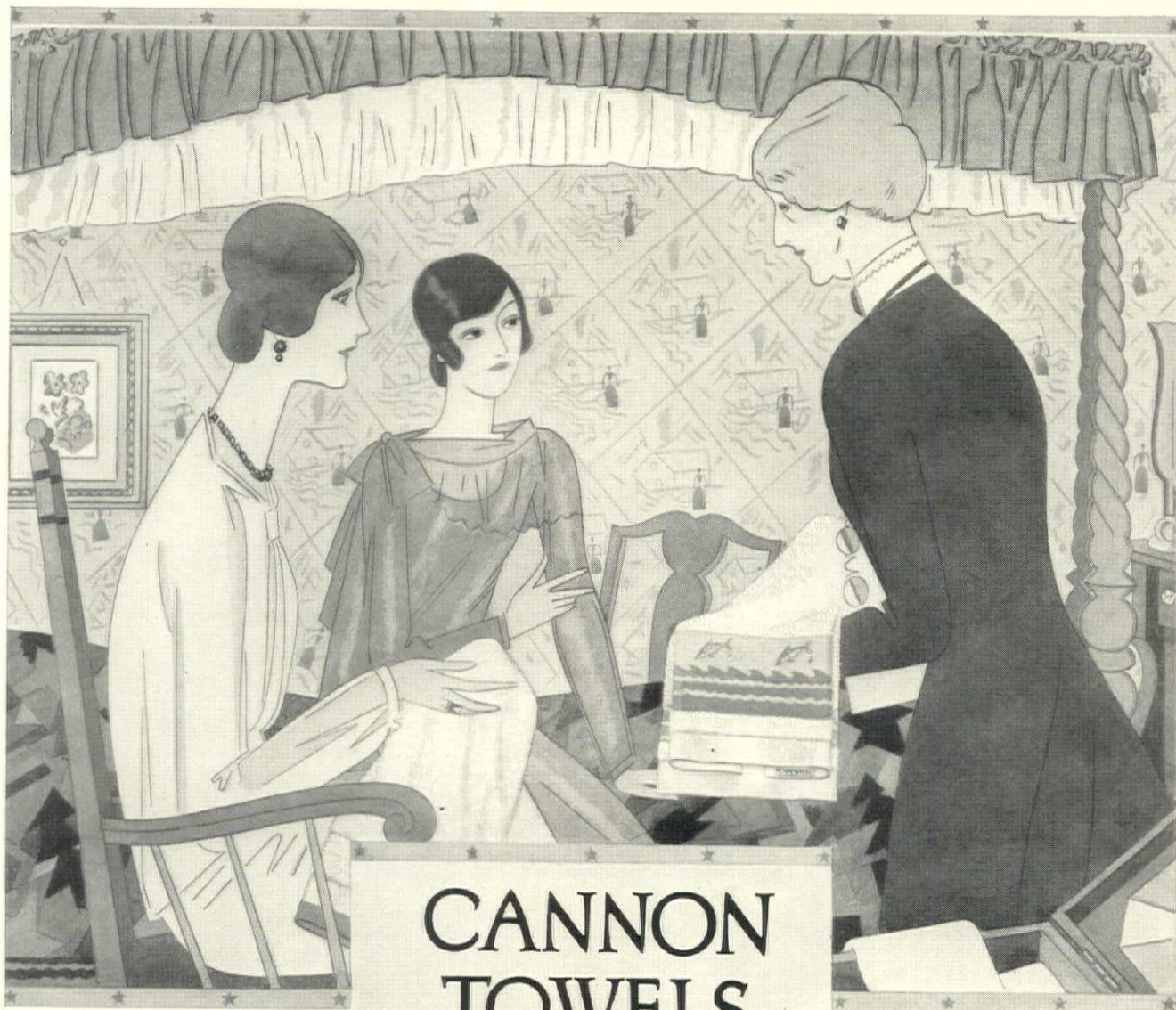
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CANADIAN OFFICE: THEODORE HAVILAND & CO., TORONTO





For her namesake... heirloom silver and Cannon Towels



CANNON TOWELS

Absorb quickly-Wear well-Cost less



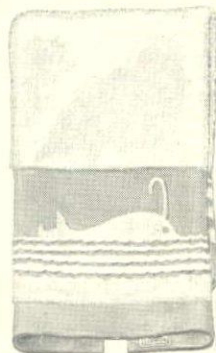
"I SHALL get Elizabeth her towels," said Grandmother, "and give her the dozen silver teaspoons that were her Great-grandmother Kirke's. I always intended her to have them when she married." And Grandmother did more than she promised! She bought big fleecy bath towels, handsome bath mats to match. Fine huck towels in the most useful sizes, and handy little turkish towels too. Guest towels and kitchen towels—not to mention face cloths and amazing bath sheets. Elizabeth is absolutely delighted. Mother thoroughly approves.

With ample time to make selections, with ample means to buy the best, women with generations of good taste behind them—with an inherited love of the finest things—today choose Cannon towels for very particular gifts. It is a practical choice for a young housekeeper. It is a wise decision for any woman, for Cannon towels as well as being beautiful, decorative, very much up

to date, are of excellent texture, well woven, truly absorbent, and a thoroughly good buy. . . . The wearing qualities of Cannon towels are highly appreciated by housekeepers on the largest scale, the great hotels of America. Linen

buyers know that because the Cannon mills are the largest towel mills in the world, Cannon prices are incomparably low.

For your daughter's hope-chest, for yourself, consider Cannon towels. Look at them in your favorite store. Get the feel of them, and their prices (25c to \$3.50). Convince yourself, as many others already have, that Cannon towels are the best. Cannon Mills, Inc., 70 Worth Street, New York.



The Cannon "Blowing Whale" turkish towel

Cannon towels and bath mats are guaranteed absolutely color fast.



LOOK under the top << BEFORE YOU BUY

*[Insist on seeing the St. Johns mark. It's a
guarantee of style and quality at a low price]*

YOU wouldn't select a piano, kitchen cabinet, refrigerator, radio or phonograph without looking for the maker's name or symbol.

You can't afford to be less careful when choosing tables—that is, if you want to be sure of correct design, honest workmanship and long life. The St. Johns emblem guarantees these things—and all at a price you

won't mind paying. You will find it—the little mark in gold and red—under the top.

It's really wonderful how a few inexpensive, artistic St. Johns Tables will give any room a new note of charm and character. Ask to see them at your dealers and, in the meantime, send for a free copy of "Tables," our valuable guide to modern interior decoration.

Free!

St. Johns Tables



ST. JOHNS TABLE COMPANY
P. O. Box 708 CADILLAC, MICHIGAN



Hewitt

An upstairs sitting room in a town house may be given, as here, the view of a conservatory on an adjoining roof. It is in the home of John Tyssowski at Dobbs Ferry, N. Y., of which Ethel Reeve was decorator

FROM INSIDE LOOKING OUT

(Continued from page 91)

Then too, there is a window which I think of, overhanging the Lake of Geneva. The villa with its terraces going down to the blue waters of the lake was originally a French-Swiss house with a Mansard roof of good proportions. It was bought by a lady, who, having an enthusiasm for Venice, had built an addition whose design and stone windows had been brought from Italy. I remember the view caught in that exquisite Venetian frame; a corner of an Ivy covered balustrade, a stone group of Cupids before a dark green hedge, and beyond the lake, the towering snow-capped mountains.

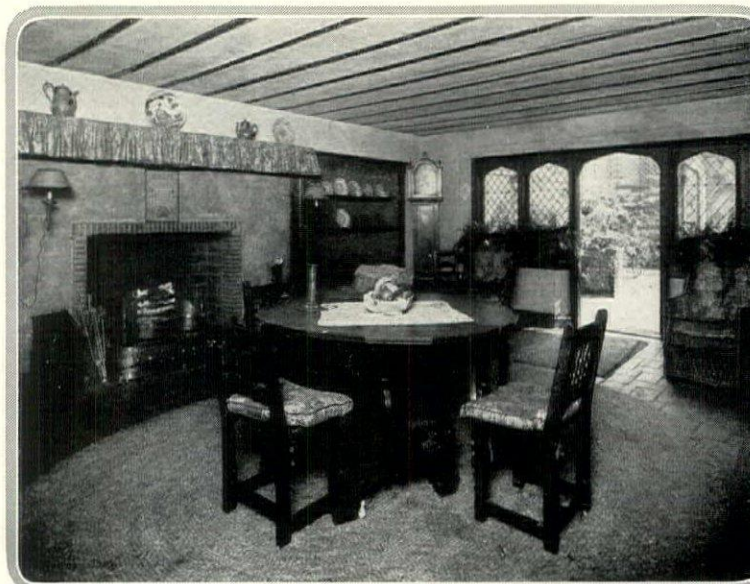
Every view should, if possible, suggest the romance of life; the mystery of the sea and woods or the strength of the everlasting hills. We must seek the gay eager feeling of anticipation at what may be found around the next corner; we must be willing to let our imagination run.

Why is it that many houses, built in the rather exaggerated Spanish or Italian style, some in good taste, have one quality in common—namely, throwing successfully a cloak of romance over perfectly every day people. In those surroundings they visualize themselves, transported out of the commonplace, into a setting which seems to hold the promise of life of color and adventure.

In deciding to build, most of us have cut out of magazines photographs of houses which we have liked. And as we have motored about the country have made mental notes of this or that house, choosing in our minds our architect and house entirely on the exterior of the house.

At last the fatal step has been taken. You decide upon an English Cottage, diamond paned windows and long sloping roof. All your energies and thought are concentrated upon

(Continued on page 140)



In a New York remodeled house the dining room was located at the rear of the first floor so that a vista of the back yard garden would give a semblance of the country in town



© B. S. & F. 21

The emerald choker necklace and the emerald bracelet were designed by Black, Starr & Frost to create the ensemble effect which is new and in fashion. Beautiful Indian carved emeralds are connected, by a decorative motive paved with diamonds, and rondelles of black onyx. Small matched pearls add to the attractiveness of the piece. The bracelet has an emerald pendant.

BLACK STARR & FROST

JEWELERS FOR 117 YEARS—FIFTH AVENUE, CORNER 48TH STREET, NEW YORK • • PARIS • PALM BEACH • SOUTHAMPTON

Gifts That Suit The Needs of Every Taste and Purse

Jeanne Gordon, a Star of the Metropolitan Opera Company



Photo by G. Maillard Kessler, B. P.

writes:

"I love to sing Carmen and during the performance I smoke a Lucky Strike. They never irritate my throat. They are kind to my voice and delightful in flavor."

Jeanne Gordon

You, too, will find that Lucky Strikes are mild and mellow—the finest cigarettes you ever smoked, made of the finest Turkish and domestic tobaccos, properly aged and blended with great skill, and there is an extra process—"It's toasted"—no harshness, not a bit of bite.

"It's toasted"
Your Throat Protection

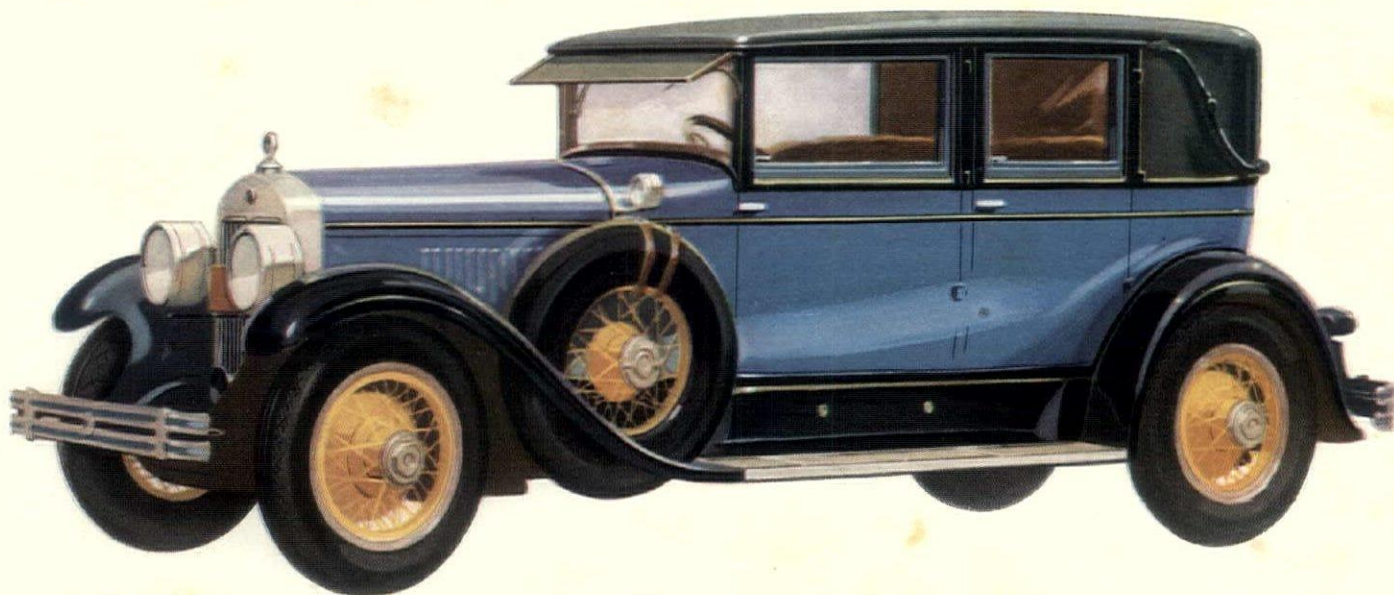


When in New York you are cordially invited to see how Lucky Strikes are made at our exhibit, corner Broadway and 45th Street.



In a motor car market of several millions, Cadillac 25 years ago set apart a special and particular group of men and women to whom it knew that Cadillac qualifications would appeal. Those men and women demand of a motor car that it shall be a responsible, reliable, never-varying agent of ease and enjoyment as well as an economic convenience. Cadillac owners never think of their Cadillac save as a splendid instrument waiting to serve, and then serving infallibly, and unfailingly every time it is called upon. This is the very heart and essence of motor car value—the secret of the hold of Cadillac upon the best judgment of the nation—the intangible but very tangible quality which renders it the one outstanding, enduring investment in motoring today.

Priced from \$2995 upwards, f. o. b. Detroit



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DIVISION OF GENERAL MOTORS CORPORATION

Cadillac and LaSalle Motor Cars



Now Comes—Simplified Electric Refrigeration

THE CREATION OF GENERAL ELECTRIC—
THE LEADING RESEARCH ORGANIZATION OF THE WORLD



THE GENERAL ELECTRIC
ICING UNIT
is the revolutionary feature
of new-day refrigeration.

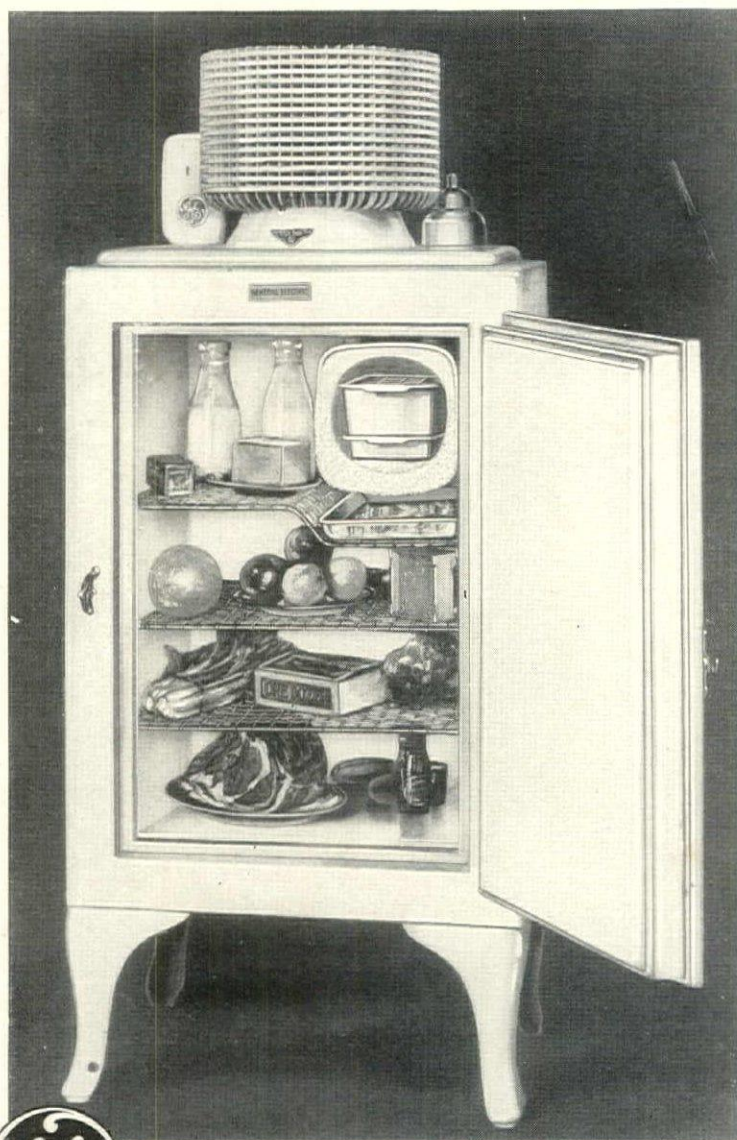
THERE is now a new development in electric refrigeration for the home. An amazingly *simplified* icing unit by General Electric Company. A factor everyone, from now on, must take into account when considering an electric refrigerator. Electric refrigeration—above all things an *electrical* problem—has been solved electrically by the world's outstanding group of technical experts.

The General Electric icing unit is so supremely engineered and so precisely constructed that its operation is practically *noiseless* three feet from the refrigerator. It uses very little current and no special wiring is needed to hook it up—the regular house current is adequate.

The entire mechanism is housed in an hermetically sealed casing mounted on top of the cabinet. You *never* need oil it—*never* need touch it. It operates automatically, maintaining a *practically constant* temperature in the refrigerator.

Only an institution like General Electric Company—with its world-wide electrical resources—could have produced so outstanding an electrical achievement.

It marks 15 years of intensive research. Some 64 leading engineers cooperated in its development. Their goal was to pro-



Refrigerator

erator is obtainable in various sizes suitable for every home. Different models are now on display at lighting companies and dealers everywhere.

Write for Booklet No. 6-H. It tells all about this new-day refrigerator.

Electric Refrigeration Department
of General Electric Company,
Hanna Building, Cleveland, Ohio.

Outstanding Advantages

Simplified—no pipes, no drains, no attachments. Portable—install anywhere. Just plug into nearest electric outlet and it starts.

Quiet—three feet away you can hardly hear it.

No Servicing—never needs oiling or attention. All moving parts are enclosed in an hermetically sealed housing.

Economical—uses very little current and maintains uniform temperature.

Clean—the circulation of air through the coils drives dust away from the top of the refrigerator.

Guaranteed by General Electric

duce the *simplest*, most *practical* electric refrigerator Electrical Science could achieve. Several thousand refrigerators—of 19 different designs—were built, field-tested and improved before production of the models now announced was authorized. They embody the best thought of the leading electrical research organization of the world.

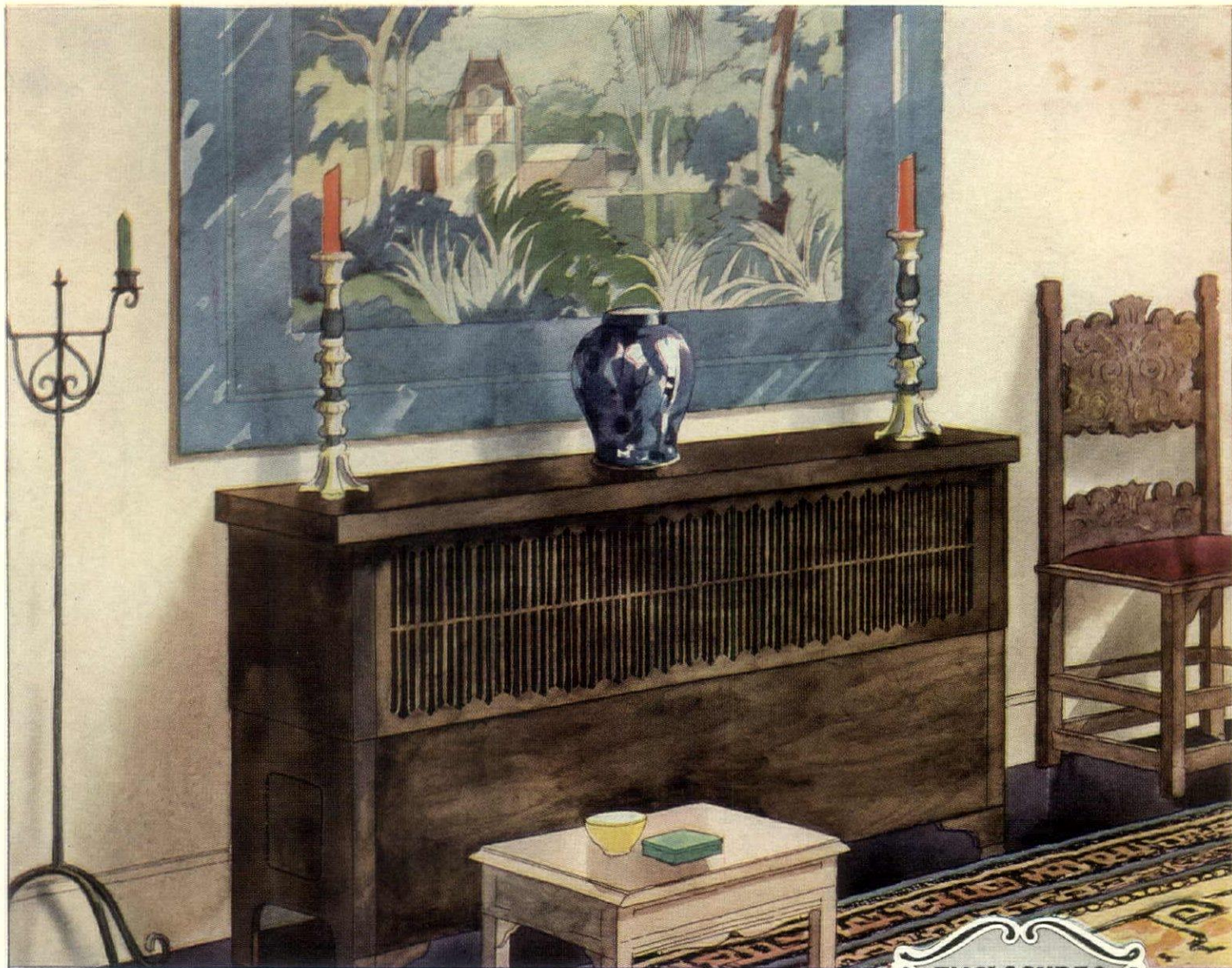
Now thousands who have debated the purchase of electric refrigeration will want to see this new creation, will want to find out what General Electric has done in the field. Buying any other way is a mistake.

Remember that the efficiency of any electric refrigerator you may purchase rests basically on its efficiency as an *electrical* device.

The General Electric Refrigerator

GENERAL ELECTRIC

An Announcement of great importance ~~~~~



MULLINS RADIATOR ENCLOSURES and SHIELDS

PATENT APPLIED FOR



Mullins announces metal Radiator Enclosures and Radiator Shields in a range of standard sizes, and wonderful finishes, to fit practically all sizes of radiators without the expense, bother and delay of special-design, made-to-order installations. Enclosures and Shields are now being introduced through Department and other Retail Stores.

They never were handsome, those radiators! Interior Decorators, and others sensitive to beauty, have for years made a point of concealing them, to bring them into harmony with other room furnishings.

Mullins Radiator Enclosures and Shields conceal unsightly radiators and protect walls and draperies from rising dust, at prices averaging less than half of what has until now been considered necessary.

Both Enclosures and Shields are beautiful in the fullest sense of the word, just as fine

furniture is beautiful. Walnut and Mahogany finishes are available, reproducing the true wood grain by a process photographic in its accuracy of detail and coloring. Old Ivory may also be had, or a ground color only, ready for painting as you desire.

Water pans for humidifying the atmosphere are supplied with all Mullins Enclosures and Shields. All Doctors agree that this is one of the most valuable preventives of

colds and sore throats, since ordinary heating methods dry the needed moisture out of the air you breathe. (Watch your growing plants flourish in a properly humidified atmosphere. Then remember that human plants need moisture, too.)

Installation is but the work of a moment. The whole system of expensive special processes and prices and delays is eliminated. Consider the price for Enclosures, ranging from \$20.00 upward, and you will see how great the savings are.

Department and other stores are now getting Mullins Radiator Enclosures and Shields in stock. The many standard sizes and finishes will thus be easily obtainable.

Send for Beautiful Color Prints

Color Prints of both Mullins Enclosures and Shields will be gladly sent on request. Better yet, call at your local store and see them on display. *House Furnishings Division, Mullins Body Corporation, Salem, Ohio.*

MAIL THIS COUPON TODAY!

House Furnishings Division,
Mullins Body Corporation, Salem, Ohio
Gentlemen: Kindly send me Color Prints
and description of Mullins Radiator Enclosures
and Shields.

Name

Address

N. C. 6-27

CHRYSLER IMPERIAL



THE Chrysler Imperial "80"—supreme expression of Chrysler Standardized Quality—was designed and built for that market which sets no limit on price. 80 miles and more an hour, 92 horse power with a responsiveness signifying perfect mastery of both; an ease of luxurious riding that makes motoring comfort take on a new meaning—the genius of Chrysler engineers has combined these results to make a car *as fine as money can build*.

Ten body styles, priced from \$2495 to \$3995, f. o. b. Detroit,
subject to current Federal excise tax.



The Princess Anne

A CHIPPENDALE

Pattern

WHO doesn't believe in fairies? Have you not, as a child, sat spellbound while some elder told of the beautiful Fairy Princess with eyes like stars, who was dressed in robes of shimmering satin?

Such a princess was Anne, daughter of George II of England; a beautiful young woman with personality so lovely that after her has been named the newest in Sterling Silver—the Princess Anne pattern.

The design is rather severe in outline, following the flawless style of Chippendale. It is graceful yet restrained, relying for favor upon its absolute symmetry of form and its simplicity of decoration.

The Princess Anne pattern may well be the one preferred for the home of modern American architecture. Its character, exceedingly beautiful, yet never losing sight of "the practical in its purpose," has definite charm which will be felt and enjoyed in any refined home of today.

You may order from any fine jeweler the pieces shown here and other articles in flat silver and hollow ware. We will be glad to send you a booklet on Princess Anne, together with a copy of "The Wonder of Sterling Silver." Address R. Wallace & Sons Mfg. Co., 66 Wallace Park, Wallingford, Conn.

Princess Anne Teaspoons are \$10.50 in sets of six, Dinner Forks, \$22.50 and Dinner Knives, \$22. The Tea Set of five pieces with waiter is \$675; without the waiter, \$350.



WALLACE STERLING SILVER

Good Buildings Deserve Good Hardware



Slams ended • bangs ended • squeaks ended • cracks ended—a Corbin screen door check is on the door

Some day you're going straight to your hardware store and buy what you've long deserved—a hard-working Corbin Screen Door Check.

And what a relief it will be! Slams ended. Bangs over with. Squeaks silenced. A screen door that really screens—that quickly and quietly shuts all the way. No cracks—therefore no flies. End your screen door troubles today. Go see your Corbin dealer.

Write for our booklet (H. 6) on Screen Door Hardware before the flies arrive.

P. & F. CORBIN SINCE 1849 NEW BRITAIN CONNECTICUT
The American Hardware Corporation, Successor
New York Chicago Philadelphia

CONCERNING SHADES AND BLINDS

(Continued from page 82)

of cedar or linden, for these woods are light, inexpensive, strong and show little grain. The slats are usually 2" or 2½" wide. They should be kiln dried. The best are 96% kiln dried and will last for years. The best grades are lacquered (sprayed).

In each blind there are ladder tapes which keep the slats working together. These are placed over a cord threaded through each slat which keeps them together and is part of the mechanism of raising and lowering the blinds and tilting the slats. The best tape is made of imported linen. Although some makers say the domestic tape deteriorates less rapidly than the imported, yet we know of experiments having been made which seem to prove that the linen or imported brand is best. You can have buff tapes, white or cinnamon, or stripes of buff and white or drab and white, and so forth, dependent on the scheme of your room.

THE DIFFERENT STYLES

There are three distinct types of blinds: (1) Those that work by two pulleys and are free hanging. (2) Those that work by the traverse roller and are guided by a device to fit close to the window. This roller travels, gathering up or relinquishing the cord in one layer as you pull the blind up or down, so that the cord doesn't bulge and thwart blind actions. (3) Those that are combinations—such as a pulley type that is not free hanging but is guided on the side to keep it tight fitting and straight.

The ordinary blinds can be used outside or inside the window, if absolutely rust-proof hardware (such as pulleys, rollers, tilting cord and puller cord holders) and a center cord may be used. And here it might be well to say that the best grades use bronze hardware, even though some quite good types employ galvanized iron, enameled.

There is a blind for outside use which is like an awning in effect. It is attached to a sliding rod. By pulling the cord you may lower this rod, which projects 2' and at a right angle from the window sill, causing the blind to follow in a beautiful curve from the top of the window. This type can be operated from a cord either inside or outside the window.

Every maker, of course, has various little devices all his own. One has with the traverse roller a groove with metal piece to hold the blind flat against the roller, which obviates a blind going crooked. Most of the past dissatisfaction with the Venetian blinds is that they didn't go up evenly or down evenly and that the cord became twisted. With the traverse roller—costing a little more—and with the device to hold it tight, this can never possibly happen.

Some makers only make the traverse roller type for windows over 5' wide, but we advise the extra expenditure for the ordinary window.

The device to hold blinds flat and also prevent them from blowing is not quite as satisfactory in the pulley

type, for the reason that there is an uneven raising and lowering of screen and a catching from side to side which is not enviable. Yet makers are very fond of it, as are some consumers who are careless in operating their blinds.

Another useful part of the Venetian blind is the tilting cord. This is a cord on the left of the blind which enables you to tilt the slats at an angle, keeping out the light and or inviting either or both. Another vice (in the free hanging type) is the slats at any angle firmly—and in this case there need be no holder for the tilting cord.

The center cord which goes through each slat is made of various materials—just plain hollow cord, galvanized wire (20 strands or so) covered with cloth and bronze. But the choices are galvanized wire and hollow cord.

In all this long story, the things to remember are:

That all hardware must be absolutely non-rusting and proof against chipping.

That blinds are valuable in all kinds of rooms, porches, and for windows or doorways. When there is a fan aperture above a window or the blind is fitted as a fan but does not permit of adjustment.

That they may be used instead of an awning and a shade, but they do actually take their particular functions away from either of these val accessories.

That they must be made of the best material and installed by some one who thoroughly knows his business.

That you can have your color scheme matched in the blinds if you send the maker a sample of the color on wood, for a color turns out in wood quite differently from the way it does on another material.

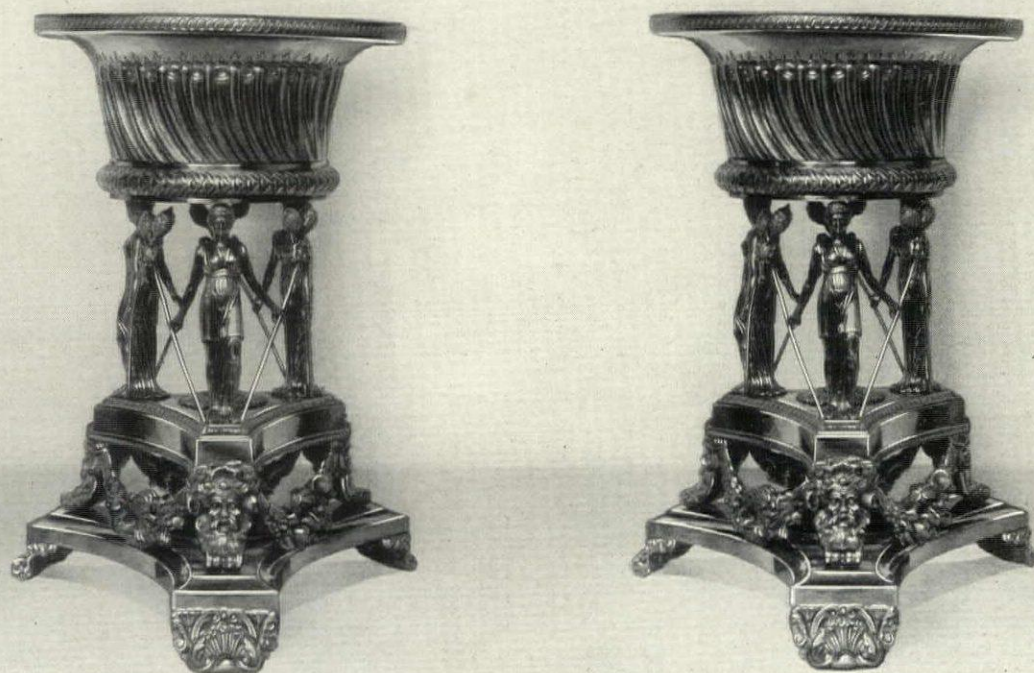
That the blind is charged per square foot of window space, plus installation charge, plus freight, plus finishing charge for matching (\$2.50). The best type of blind comes to around \$15, while second best are between \$10 and \$12. Of course these figures are subject to change and modification. We state them only to give you an idea of the blinds' cost.

There are other sorts of blinds, the accoridian pleated shades of fabric, rattan shades for porches and terraces, relatives. All, in their own way, cost more or less advantage for comfort and the solution of certain structural problems.

THE NEWEST THING

So that is the outline history of blinds and shades and the materials that enter into them. To complete and bring the story down to the present, it should be said that there is now on the market an enduring shade cloth that can be washed with soap and water and a brush without injury to the fabric, due to its finish—a special manufacture. This, added to the other materials, makes shade cloth available for every taste and purse.





PAIR OF FLOWER STANDS
 HEIGHT, 15 INCHES
 OF STERLING SILVER
 HEAVILY PLATED WITH GOLD
 by PAUL STORR
 LONDON, 1812

SILVER

Silver should be chosen carefully. It belongs to the things that endure. Its beauty, its quality, its craftsmanship should establish a tradition that future generations may hold in reverence.

Of such silver is the Caldwell Collection. To it the masters of the past and the artists of today have contributed their best.

A collection of broadest scope, offering unique opportunity for the selection of superior gifts and additions to the home equipment.

Rare and distinctive Antique English Silver and Sheffield Plate, personally selected in England—pieces combining the charm of individuality with practicability for daily use.

The choicest Silver of the Present—outstanding productions of modern masters—American, English, French and Dutch.

Reproductions of Early American specimens that equal the originals in all details excepting antiquity and sentimental value.

Photographic Illustrations Forwarded Upon Request

J. E. CALDWELL & CO.
 PHILADELPHIA

Furniture Shops Individual Tea Tables



Reminiscences



MORE distinctive than ever are these new Furniture Shops Tea Tables. They have the small disc wheel casters with which Furniture Shops designers two years ago displaced the old style high wheels. This departure has relegated the former types into the realm of reminiscence, along with wagon-wheeled automobiles.

Some of these new patterns have solid ends, like those illustrated above. They are beautifully designed, giving them an atmosphere of dignity as well as grace. They introduce definite period styles into Tea Table character, making it easier than ever to match them with your other furniture.

The better furniture retailers near you can give you further information. Or you may write for our Tea Table booklet.

The Furniture Shops
Division of The Luce Furniture Shops
840 MONROE AVE. GRAND RAPIDS, MICH.



Dillon

Tea and card tables, with tops that folded back, were quite common in the Federal era. This example is beautifully inlaid. From the collection of Howard Reifsnnyder

FURNITURE OF THE FEDERAL ERA

(Continued from page 88)

the earliest date that we know of any Hepplewhite furniture being made here is 1785. The new mode seems to have soon become popular. Probably most of this furniture, especially the finer and more important pieces, was likely made after the publication of the "Guide", that is to say, from about 1790 onward, when our craftsmen had probably obtained this volume for reference purposes.

There is no evidence or likelihood that Thomas Sheraton ever made furniture either in his native town Stockton-on-Tees or after he came to London as a journeyman cabinet-maker in 1790. He died in destitution in 1806, yet he was one of the greatest designers of furniture that England has ever produced.

His "Drawing-Book" was published in 1791. It is not probable that every design in that book was original, and it is plain that he was very free in helping himself to the ideas of Adam, Hepplewhite, and the French designers. But he gave to his borrowings the mark of his own individuality. It is quite possible that some pieces in what we know as the "Sheraton style" appeared here before his advent in the

furniture world; but he was an unknown man when he published his book in 1791. The designs shown therein had to win recognition and adoption by cabinet-makers in England and become known in America. While we must be very hesitant in dealing with such doubtful matters, I cannot help but feel that strictly Sheraton American furniture, and especially that evidently based upon his book, should not be dated before 1793 to 1795. I am somewhat confirmed in this opinion by the recent remark of one of the most experienced metropolitan dealers that he "thought almost all American furniture was usually dated rather too early."

When the last article was written (see May issue) I had not yet seen in Mr. Reifsnnyder's fine collection in Philadelphia a Chippendale high-chest-of-drawers with date 1793 in contemporary inlay. This piece is proof positive that Chippendale furniture was still made as late as this in the neighborhood of Philadelphia, whence it originated.

It may be a relief to the reader if he is assured that he need feel under

(Continued on page 126)



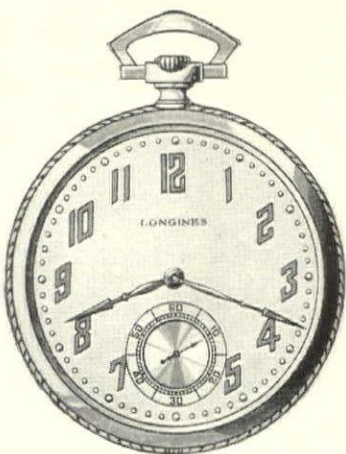
Great care was lavished on these card tables. This table is of Hepplewhite inspiration and is shown by courtesy of the Metropolitan Museum of Art

The Watch of Men Who Command Great Ships



Since 1878
highest awards
wherever shown

Nine Grand Prizes
Twenty-six Medals



No. 163—Gold Filled,
\$45
14 kt. Gold, \$100

As the daily radio time signals are flashed from Arlington, officers in the Service compare their Longines Watches with Observatory Time. For Longines is a favorite among the men who command the ships of the seas. At the U. S. Naval Observatory, in official six months accuracy tests, Longines has established an outstanding record for accuracy. Since 1916 more Longines have been passed and accepted for Torpedo Boat service than all other competing watches combined.

This signal honor is no new experience for the makers of Longines. All over the World, wherever Great Governments hold official accuracy tests, Longines has swept the field. Its achievement is unequalled. No other watch has even approximated its mark. And because Longines are as beautiful as they are accurate, they are chosen by men and women who desire the ultimate of watchmakers' craftsmanship. It follows naturally that the leading jewelers sell and recommend Longines.

Prices from \$35 to \$3,500.

Write for booklet and names of jewelers nearest you.

A. WITTNAUER CO.

Established 1866

NEW YORK

MONTREAL

CHICAGO

GENEVA

An Official Record at Government Observatories of the Longines Watch in Accuracy Contests

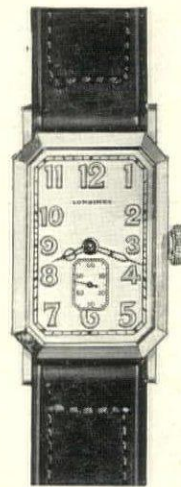
During the last 10 years, the Longines Watches, which have regularly competed in the Official Contests of the four best-known Chronometric Observatories in the World, have been classified as follows: First at the International Observatory of the U. S. Navy, Washington; First at the

Longines
THE
OBSERVATORY
WATCH

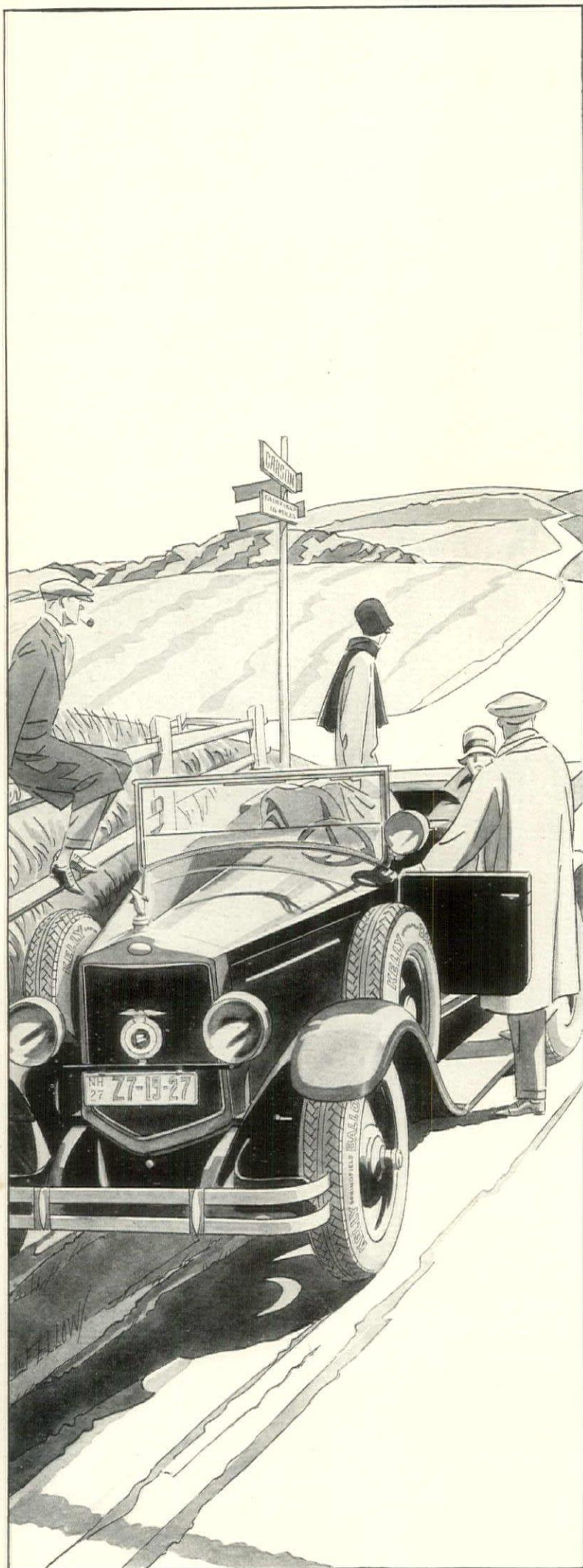
International Observatory, Kew Teddington, England; First, Neuchatel Observatory, Switzerland; First, Geneva Observatory, Switzerland. This combined record is unique in the history of Chronometric Science and, at this time, it cannot be claimed by any other watch in the World.



No. 159—White Gold
Filled, \$70
18 kt. White Gold,
\$100



No. 162—Gold Filled,
\$60
14 kt. Gold, \$100



"What can have happened to them? Do you suppose they've had an accident?"

"More likely Jim is having tire trouble again; he doesn't seem to learn by experience. I switched over to Kelly-Springfields long ago."



Whitterack

This Pembroke table, from the collection of Howard Reifsnyder, shows in its lines the transition between Chippendale and Hepplewhite

FURNITURE OF THE FEDERAL ERA

(Continued from page 124)

no obligation of being able definitely to term every piece of the American furniture of this period either Hepplewhite or Sheraton; in England the styles overlapped quite sufficiently, for these men and others were all working in the Neo-classic manner, while our American craftsman added his own individuality, made choice of his own ingredients, and often used them as he pleased.

In illustrating this charming furniture it will be well to begin with chairs, for in these there is little complication to disturb the student.

The well-known shield-backs are of course, Hepplewhite. Among the illustrations on page 89 is seen a transition chair retaining the Chippendale back-uprights but with a back composed of beautiful Hepplewhite details. Shown below is an arm-chair in the full Hepplewhite style. Another chair has each baluster carved as a cornucopia, as charming a little chair as one could imagine.

The rectangular or "square" back is characteristic of Sheraton. Hepplewhite published a number of square

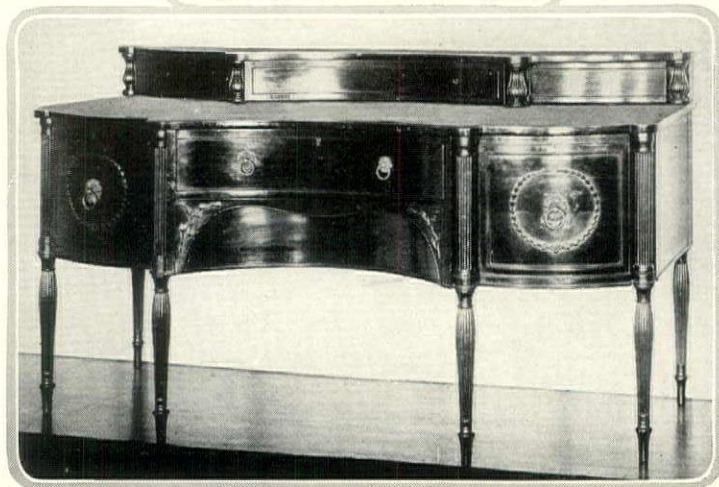
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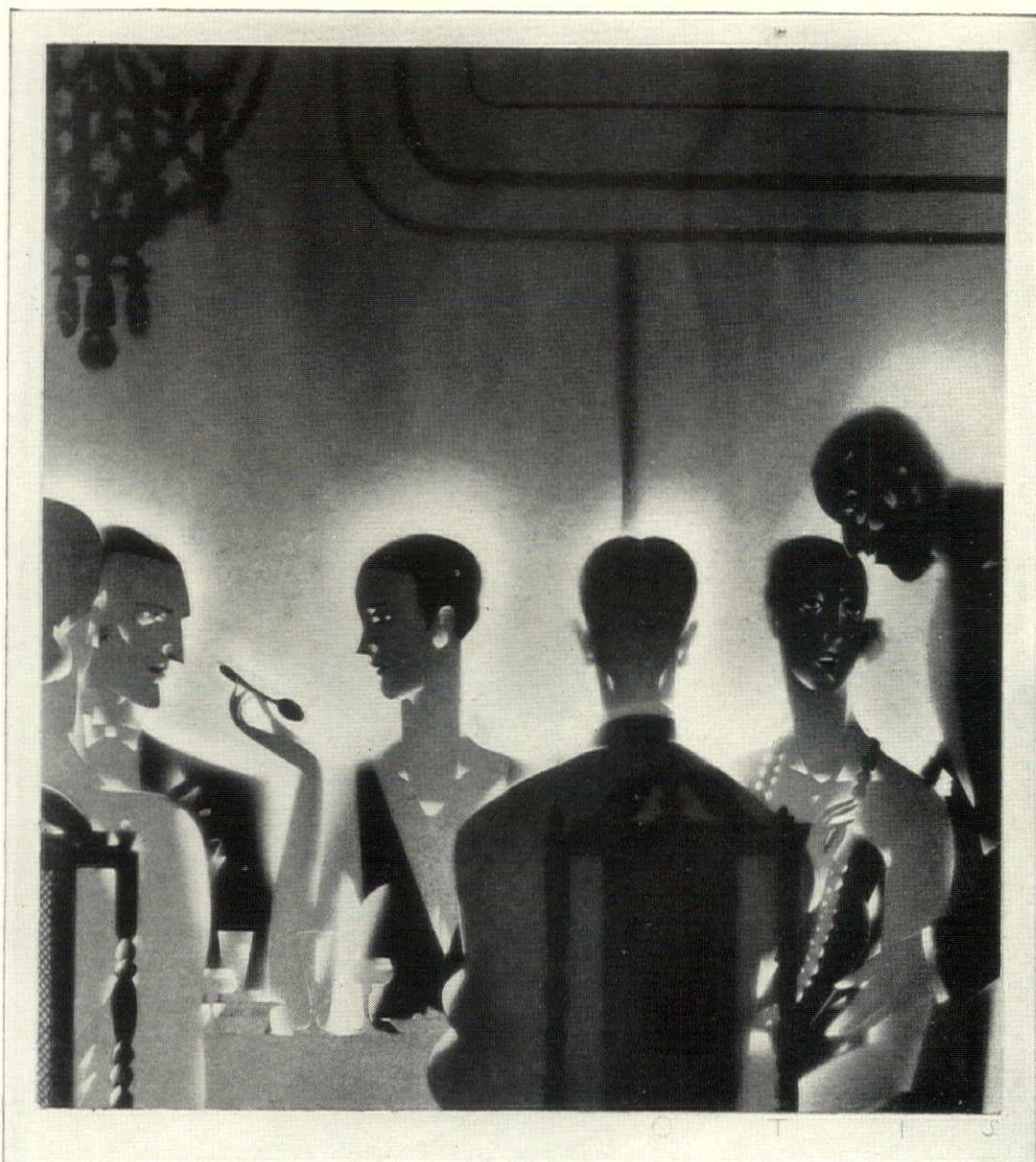
A Hepplewhite armchair in full style. From the collection of George Woolsey Lyon, Inc.



B

A New England Sheraton sideboard showing the engaged column leg so typical of this type





"Treasure" Solid Silver

STERLING 925/1000 FINE



THE BRIDE-TO-BE • Look! Bob! It's that beautiful new Early American pattern I want for us.

THE HUSBAND-TO-BE • M-m! (reading) TREASURE—STERLING . . .
'Tis nice, isn't it?

THE BRIDE-TO-BE • Nice, you goose, it's adorable. . . Besides, I do like things genuine. It's a family habit. Applies even to picking husbands.

IN these days of unconventional table manners, you can never tell when some perky dinner guest will decide suddenly to turn over her spoon and look for the «Sterling» mark. . . For silver, nothing but Sterling is ever really right. It is a warranty almost always of taste, breeding, background—of standards that are matter-of-course.

With «Treasure» you will find Sterling silver of rather extraordinary beauty and delicacy of design. Here, illustrated, is our new Early American pattern—as charming as the period from which it derives and as authentic as the American Wing of the Metropolitan.

«Treasure» is silver that you will be glad to live with . . . and which your grandchildren will inherit with no little pride.

The «Early American Style» is made in dinner hollow-ware as well as in a complete line of flat silver. Perfectly plain or decorated in the manner of old-fashioned hand engraving. Your Jeweler would be proud to show you this lovely Silver. Write us for a copy of the Brochure—«The Early American Style.»

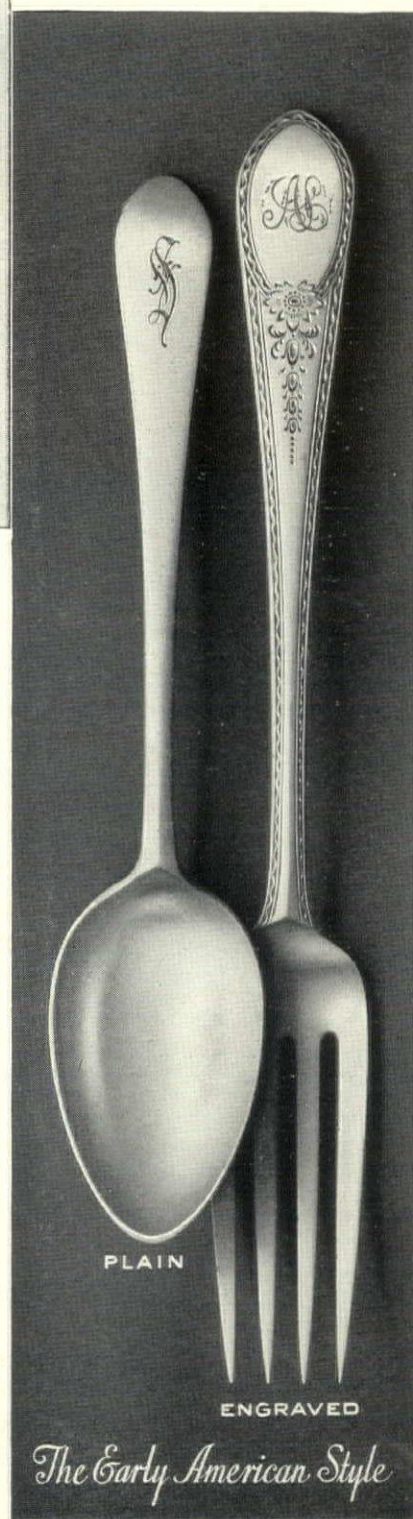
It is Sterling
—more can not be said

ROGERS, LUNT & BOWLEN COMPANY • Silversmiths

Creators of Distinctive Tableware

38 SOUTH NORWOOD STREET GREENFIELD, MASSACHUSETTS

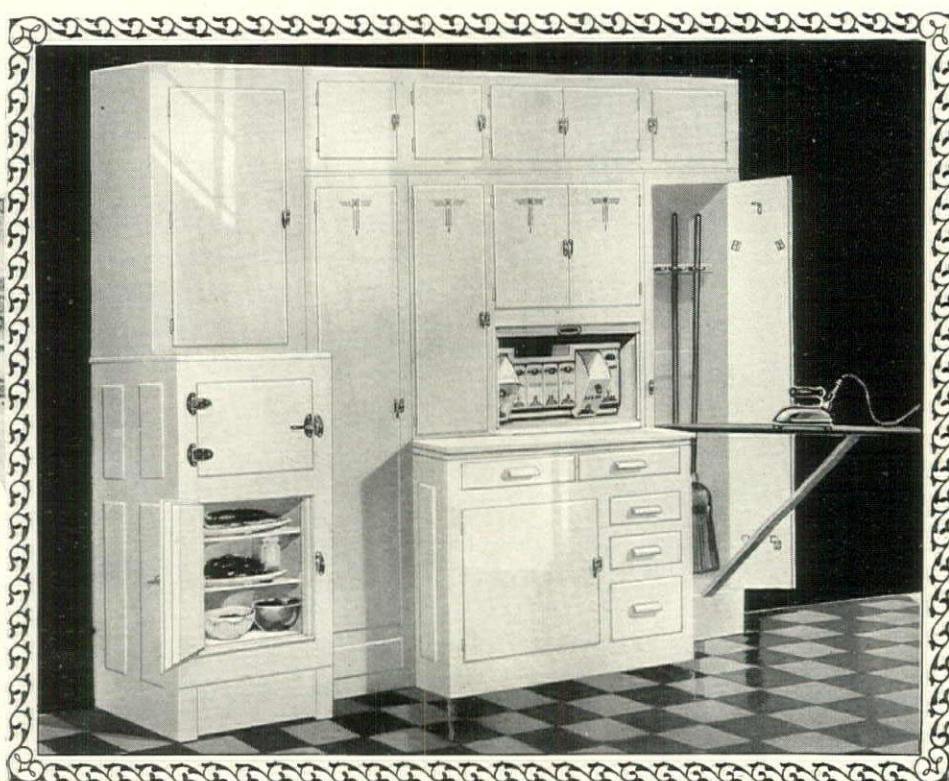
Member of the Sterling Silversmiths Guild of America



The Early American Style

KITCHEN MAID

STANDARD UNIT SYSTEM



Will your kitchen be as modern as the rest of your home?

One—three—five years after you build your home, will you look back and say, "If we had only planned the kitchen correctly!"

Too much shelf space—or too little! No handy place for brooms and mops! No centralized working and storage spot! Refrigerator "miles away!"

Common mistakes in kitchen planning—yet surprisingly easy to guard against. The problem has been solved for you by the kitchen planning specialists who design Kitchen Maid Units.

These charming, harmonized units cover *every* kitchen need—everything from kitchen cabinet to refrigerator, from disappearing "breakfast nook" to linen cupboards, from dish and broom closets to folding ironing board.

You simply choose the units you want—in the sizes you need. You group them all on one wall or separate them as you choose. Each unit is complete in itself—is as practical and beautiful used alone as it is in a unit combination.

Only Kitchen Maid Units provide the double cleanliness feature of smooth doors and rounded inside corners. Only these units offer genuine Kitchen Maid construction and design. Yet they cost no more to install than old-fashioned cupboards.

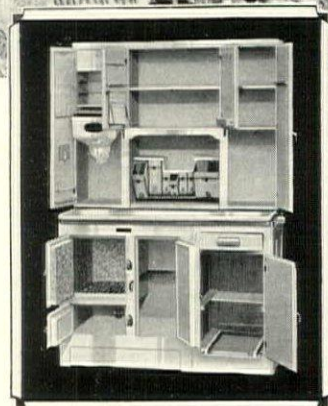
Before you settle your kitchen plans, ask your architect about Kitchen Maid Units. Or simply write for the complete catalogue.

WASMUTH-ENDICOTT COMPANY
1206 Snowden Street, Andrews, Indiana

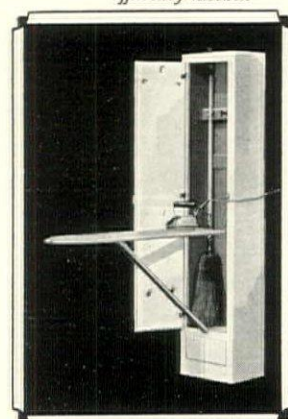
Representatives
in all
Principal Cities



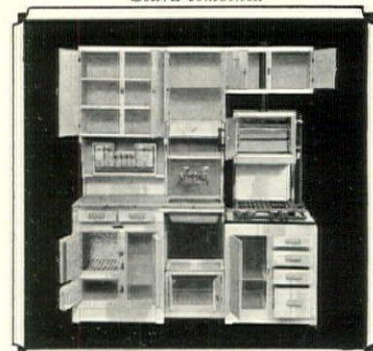
If in Canada, address
Branch office
Waterloo, Ontario



Compact No. 656—for the modern efficiency kitchen



Broom Closet and Folding Ironing Board combined



Kitchenette Assemblage with refrigerator, range and sink

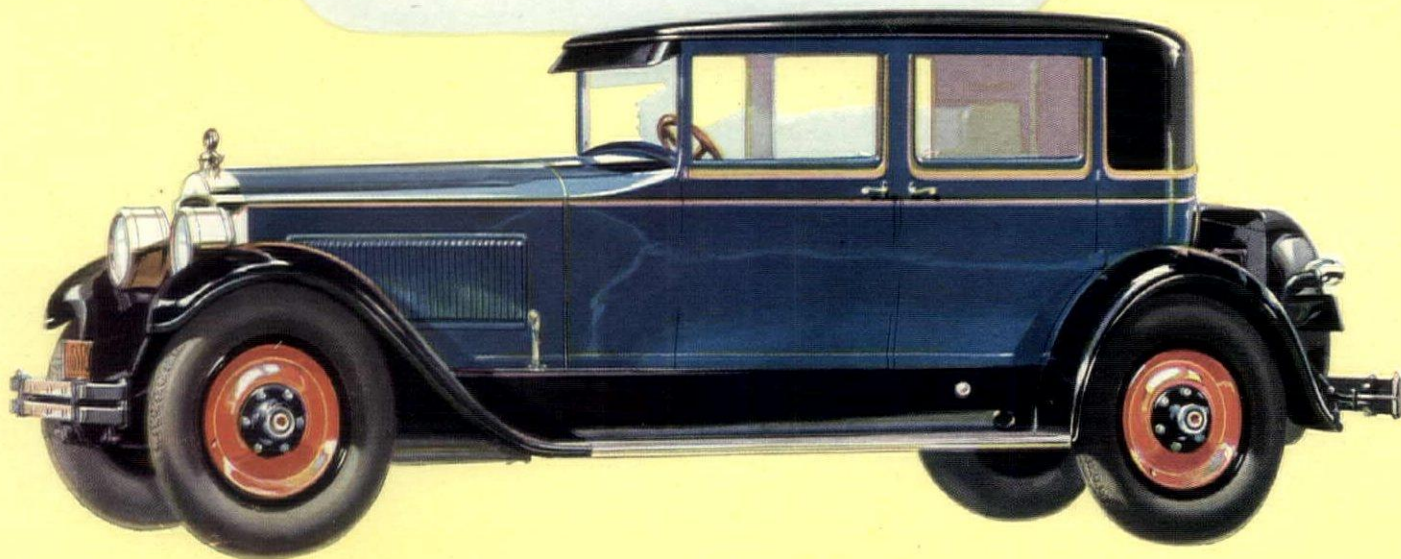
Complete Harmonized Equipment for Every Size and Type of Modern Kitchen



ASK THE MAN
WHO OWNS ONE



"The supreme combination of all that is fine in motor cars"



LEADERSHIP, Packard's position in the vanguard of automotive progress has been consistently maintained for twenty-seven years.

Packard leadership is the result of a deliberate intent backed from the first by means more than adequate to permit engineering research and the highest degree of precision manufacture.

For a generation Packard has been the great automotive laboratory from which have come most important develop-

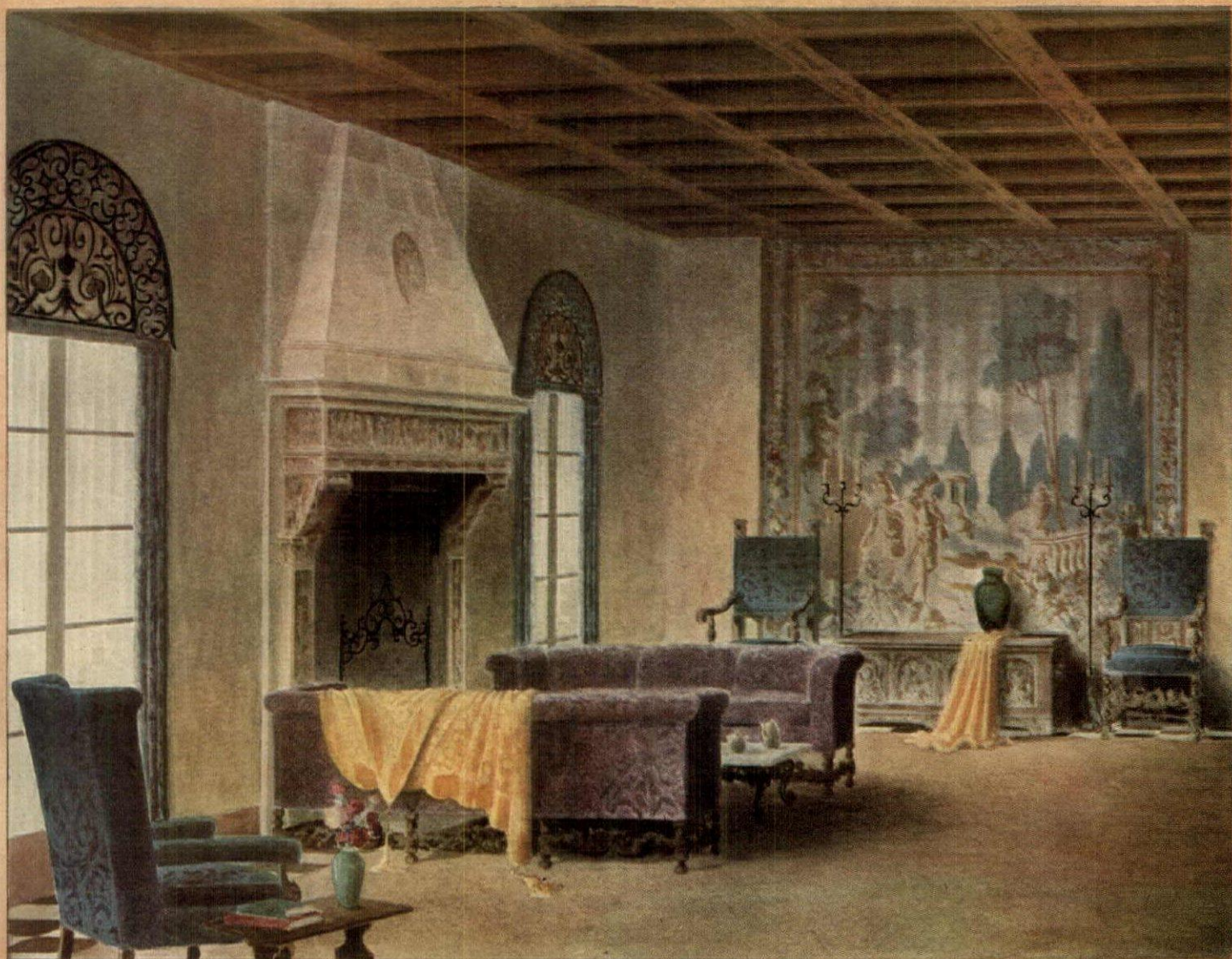
ments in the evolution of the modern car.

Today, Packard-powered planes, surviving gruelling military and naval tests; Packard-engined racing boats, champions of their class; Packard cars, outstanding as the most imitated cars in the world; proclaim Packard leadership on land, in the air, and on the water.

And Packard owners, themselves leaders in every field of human endeavor, know that

PACKARD

their cars cannot but reflect a compliment upon their taste and judgment.



VELMO ~ In a Room Designed by California Furniture Co., Los Angeles

Beauty ~ for a Lifetime

BECAUSE of its wealth of mellow colors, its exquisite patterns, its lustrous, velvety surface which neither time nor hard use destroys, Chase VELMO—finest of all Mohair Velvets—has long been a favorite upholstery fabric with interior decorators, and with those discriminating women to whom the creation of a beautiful home is the most delightful of all tasks.

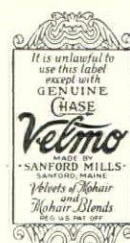
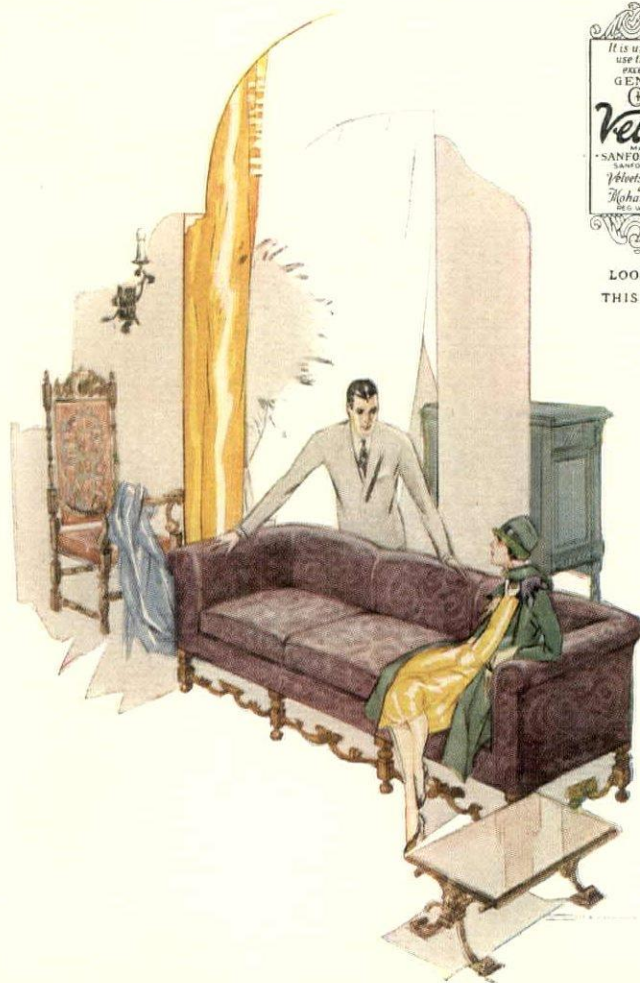
Decorators, upholsterers and furniture stores will gladly show you samples of VELMO for upholstering furniture ordered in the denim. Also, much fine furniture is upholstered in VELMO by its makers.

*An interesting booklet, "Beauty that Endures"
will be sent you on request*

CHASE
Velmo

Made by SANFORD MILLS, Sanford, Maine

Selling Agents, L. C. CHASE & Co., Boston
New York Detroit Chicago San Francisco



LOOK FOR
THIS LABEL



A silver-papered room in Mrs. Linn's Chicago home equipped with Simmons Beautyrest Mattress, Simmons Spring and Simmons Bed, Model No. 1547. "Those little coils," says Mrs. Linn, of the Beautyrest, "make the mattress ten times as comfortable."

MRS. HOWARD LINN, formerly Miss Lucy Blair McCormick, one of the loveliest of Chicago's younger hostesses, is artist to her fingertips. Her enchanting country home at Lake Forest reflects her original and exquisite taste for the modern note in decoration.



© Hutchinson

"The most luxurious one could provide" says MRS. HOWARD LINN of Chicago

CONSIDER the proper equipment of the bedroom an important part of a hostess's consideration of her guests," says Mrs. Howard Linn, herself one of the most delightful of Chicago's leading hostesses. "And for the bed, the Simmons Mattress and Spring are the most luxurious one could provide."

This new well-boxed, built-up mattress, so firmly tailored that it holds its shape for years, is the latest achievement of the Simmons Company, largest makers of beds, mattresses and springs in the world.

The Beautyrest made its bow a few years ago. It met with instant success. It is composed of hundreds of tiny, upstanding coils of the finest, springiest steel, buried deep in layer upon layer



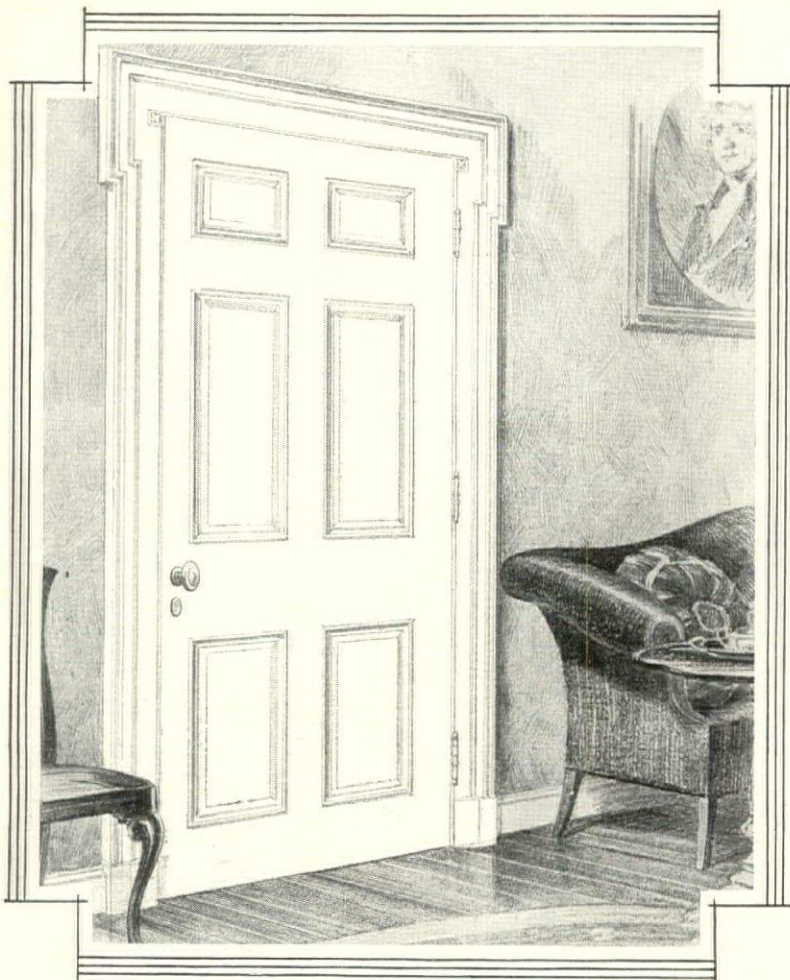
To the very edge go the small wire coils of its inner construction, springing up after any pressure, holding the sides firm and square. And how perfect its buoyancy, its comfort!

of softest cotton or curled hair. What delicious comfort, what buoyancy! The Beautyrest offers the quintessence of luxurious repose. "How can we make it better?" the Simmons Company asked. They decided to make it better *looking*.

NOW these tiny coils extend right to the edge of the mattress. The Beautyrest is neat, well-boxed and smartly correct in appearance. The coils stitched firmly within the felted sides hold them box-like, upstanding as long as the mattress lasts.

In furniture and department stores you will find this greatly improved Beautyrest, \$39.50; west of Rocky Mountains, \$41.50; hair upholstered, \$60 to \$100. Other Simmons Mattresses, \$10 up. Springs, \$7 to \$60. Simmons beds, \$10 to \$60. The name Simmons is plainly marked on every piece. The Simmons Company, New York, Chicago, Atlanta, San Francisco, Boston, Philadelphia, Los Angeles. "Your home should come first."

SIMMONS Beds - - Springs - - Mattresses { BUILT FOR SLEEP }



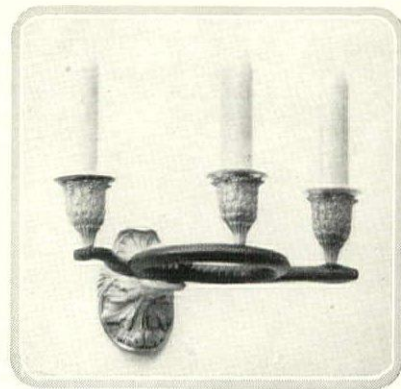
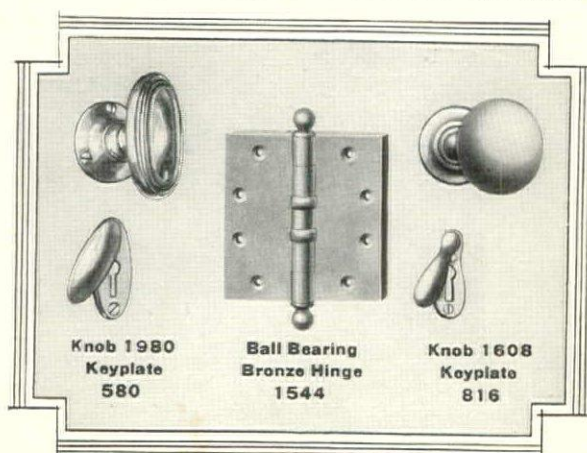
What of *your* hardware in the years to come?

WILL knobs and handles still be beautiful and uncomplaining in operation? Will doors swing smoothly on noiseless hinges—and locks be quiet and secure?

They will if, when first you build, you insist on Sargent locks and hardware of solid time-defying brass or bronze. The ball-bearing hinges and quaint knob of bronze on this door—and the easy-spring lock which does not show—are good for many years of active service. This quality of permanence has been built into every Sargent product for more than sixty years. Write for the new Book of Designs—it's free—and with your architect choose the Sargent style most appropriate to the architecture and decoration of your new home. Sargent & Company, *Hardware Manufacturers*, 31 Water Street, New Haven, Conn.

SARGENT

LOCKS AND HARDWARE



A characteristic Directoire applique with twisted serpent in vert antique and the fixture bronze doré. Courtesy Bagués, Inc.

DIRECTOIRE AND EMPIRE LIGHTS

(Continued from page 86)

the leaders under the Directorate and the Empire. Gouthière was what the French call a "*ciseleur délicieux, spirituel et tendre*," ever working with the forms of women and cupids. Thomire abandoned such sweetness as clung to the work of Gouthière even under the Empire, for the sharper definition of classic Roman work.

In the cult of the classic, prevailing at this period, we may expect to find a revival of the Roman lamp form which reappears in the metal chandelier. Napoleon's Egyptian campaigns lent an excuse for a freer use of the sphinx, the lotus, and the palm. The emphasis of his imperial power inclined designers to choose warlike decorative motifs—the Phrygian helmet, saber, thunderbolt, shield, laurel, bay, wreath, torch, cornucopia, wings, serpents, lions' and bears' claws; to these were added the Greek fret, anthemion—the honey-suckle, acanthus, and pineapple; with wiverns and other chimerical beasts.

Flambeaux were of five types—column or baluster, classic or Egyptian; tripod; figure—woman, cupid, satyr, etc., supporting a candle socket; classic ovoid vase; or *carquois*—quiver-shaped, the shaft expanding to a broader lip like a modern flower vase. Bases were molded in various forms, usually round. Sockets were concealed in shafts or vases, or were individual classic urns set on the stems or borne on the heads of figures. A baluster stem with three or four human heads below a classic urn and as many pairs of feet set on the large molded base below, suggesting that the figures were bound within the shaft, was not an uncommon motif.

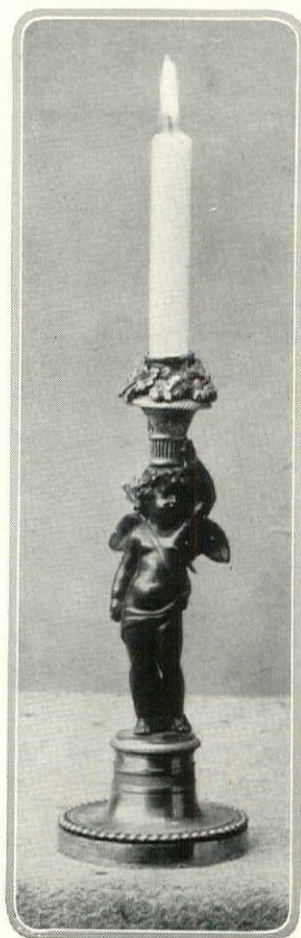
One of the most significant elements in Empire *flambeaux* and *candélabres* was the use of human figure in the rôle of servants or slaves holding the lights. The *candélabre* was either balanced on the head of a human figure, a satyr, griffon, or other chimerical animal, or a human figure held a crown or circlet supporting the lights, held a staff, a cornucopia, or the scrolled branches themselves in one or both hands. In the *grand salon* at Malmaison is a pair of *candélabres* each of which has the winged figure of a woman poised on a sphere upholding with both hands a laurel wreath from which spring seven candle branches forming a coronet. These *candélabres* stand on the mantelpiece as part of a *garniture* with a pair of porcelain vases of Etruscan form made at Sèvres in 1806. A pair of figures, that of a man and a woman

might be used for a pair of *candélabres*. Large classic urns were borne on the heads of draped figures. Some *candélabre* shafts were of reeded columns or the Roman fasces, emblem of the lictors' authority. A *candélabre* at Fontainebleau has the shaft topped by a plumed helmet, with flags stacked below, two tiers of candle branches, the whole set on a tall plinth with broader base supported by tortoises—truly a worthy foundation of ancient days.

The *bobéchon*—candle socket, was greatly varied. Candlesticks either concealed the socket or

(Cont'd on page 132)

This flambeau, a typical Thomire design, has a basket of fruit, used as a bobéchon, held by cupids. Empire piece in bronze doré. Bagués, Inc.



SMALL-PATTERNED DAMASKS

from the looms of France

NO decorative fabric is more universally appropriate than damasks.

Their very name is indicative of their ancient and glorious lineage. For it comes from Damascus in Syria—a city which in the Twelfth Century was famous throughout the civilized world for its beautiful and intricately woven silks.

Their fascinating history, linking them

with all the great decorative periods, may be glimpsed in the widespread use that damasks enjoy today. They are used for covering walls and furniture, for paneling, for hangings against which paintings or mirrors may be hung, for draperies, for cushions or an occasional chair.

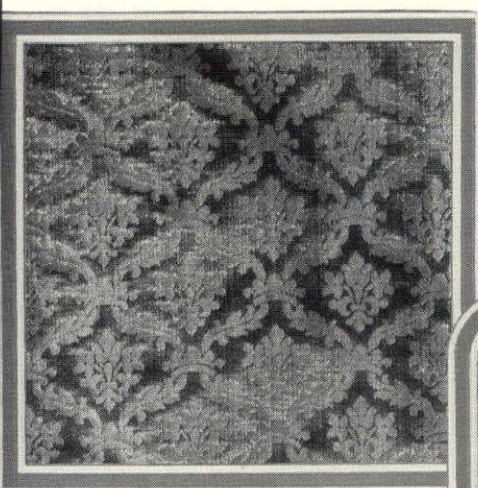
And since there are many decorative schemes in which a large design cannot be used, damasks with small designs have come much into use.

The damasks shown here are representative of the small-patterned damasks to be found at Schumacher's, in a wide variety of designs and an excellent color selection.

In the Schumacher collection there are drapery and upholstery fabrics for every decorative use—brocades, brocatelles, damasks, velvets,

tapestries, hand-blocked and printed linens, toiles de Jouy, chintzes, and satins and taffetas in plain or figured weaves.

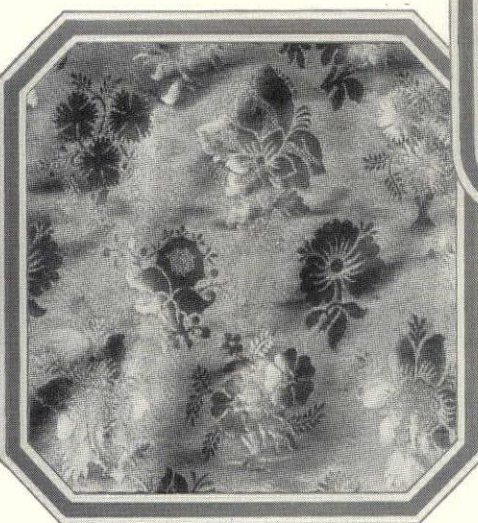
These fabrics may be seen by arrangement with your decorator, upholsterer, or the decorating service of your department store. Samples specially selected to fit your particular requirements can be promptly secured by them.



A damask from France, cleverly simulating, by the introduction of a lighter thread into its weave, the mellowness of an antique fabric



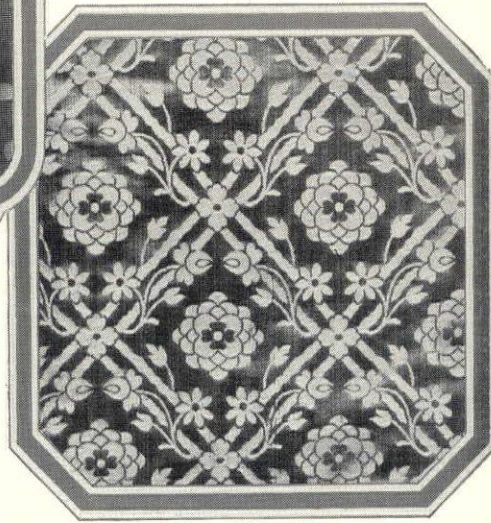
Here the design is brought out in a fine taffeta weave, on a satin ground. A damask particularly suitable for furniture coverings, draperies, etc.



This satin damask, imported in a wide range of colors and color combinations is especially charming with French furniture



In orchid, vert, blue or peach, this satin damask reflects in its veriboned bouquet the influence of Marie Antoinette's time



A latticed design, reminiscent of William Morris, is shown on a jaspé ground. In mulberry, vert, crimson and gold

"Your Home and the Interior Decorator"

How you can, without added expense, have the professional services of an interior decorator, is explained in our booklet, "Your Home and the Interior Decorator." Beautifully illustrated in color, this book will be sent to you without charge upon request. Write to F. Schumacher & Co., Dept. E-6, 60 West 40th Street, New York. Importers, Manufacturers and Distributors to the trade only, of Decorative Drapery and Upholstery Fabrics. Offices also in Boston, Chicago, Philadelphia, Los Angeles and Paris.

F-SCHUMACHER & CO.

DIRECTOIRE AND EMPIRE LIGHT

(Continued from page 130)

emphasized it in the form of a beautiful rounded classic urn, occasionally polygonal like some examples at Fontainebleau. In these the *bobèche*—grease pan—was seldom accentuated, it usually being the base of the urn itself. Candelabra and chandeliers made even greater use of the cornucopia or trumpet form with or without an extra socket. It often suggests the lotus capital of Egyptian columns. Occasionally we find one bent in an S or reversed curve, as in the preceding periods, or springing abruptly outward and upward from the shaft of a candelabrum or chandelier. The floral *bobéchon* was also taken from the preceding period. Bases varied greatly—cut columns supported human or animal figures or were topped by spheres or half spheres on which the figures were poised. The triangular classic plinth having cut corners either with or without feet was popular. Rectangular tapering bases were common. White and dark marble, especially dark veined marble, was favored. The marble bases were often finely decorated with applied metal ornament—draped figures, festoons, wreaths, etc.

THE FRENCH CANDELABRUM

As the monumental candelabrum was the piece of greatest importance at the time of the Roman Empire and the Italian Renaissance, so the French Empire saw the apotheosis of the candelabrum in France. It took on majestic heights and became an important factor in decoration, whether standing on floor, table, mantelpiece or pedestal. Artists expended as great care in candelabrum designing as upon important sculpture; and the *ciseleurs* were no whit behind them in carrying out their designs in the actual metal. Whether or not we are great admirers of *le style Empire* we must commend the splendid metalwork of this period. It was, as has since been proved, the last word in the art of the metal-worker. Whatever finish was chosen, whether a *patine brun*—brown or *noire*—black, *bleu*—blued, *doré*, or *vert antique*—antiqued green, each fits the subject with the peculiar exactitude of the antiquarian. There it is—a splendid cult of the antique. The term *candélabre* was also applied to the tall carved and gilded wooden pedestal or *torchère* of Roman type, or to an elaborate large piece with branched arms for the corner of a *salon*, on which a *candélabre* or *girandole* was placed.

Thomire usually executed Percier's designs in silver and bronze. His gilded metal was superb and he was noted for his lighting fixtures and clocks. Auguste and Biennais dominated all the work in silver plate during the imperial epoch. Biennais made many *candélabres*, *torchères*, and *garnitures de cheminée*. Auguste made the noted *surtout de table* presented to Napoleon by the City of Paris. The *surtout de table*—table centerpiece, lent great state and dignity to the banqueting table at this time, and became an elaborate and ceremonious affair. The *surtout* made by Auguste

as a gift to Napoleon from Charles IV of Spain, was of *pierre dure*—different colored marble, alabaster, agate, porphyry, cameo, etc., and *bronze doré*. It consisted of thirty or pieces. Twenty-two of these formed *candélabres* with three or four lights each. Nine of the pieces represented temples, fountains, and altars. They were mounted on *bronze doré* and were ornamented with statues and bas-reliefs.

One very interesting fixture which came into use during the Empire period, shows clearly the origin of the modern lamp with its large circular shade. It is a *candélabre* with closely set candle branches placed either high or low on an upright; the base, candle branches, and big flaring adjustable metal shade decorated with ornament in the style of the period. An arrow or sort of key adjusts the shade. The fixture was for candles, however, and the oil lamp was still an uncertain affair although it took on the classic vase and urn forms and ornaments. One highly sophisticated type of *lampe* which appeared, variously decorated, was a small globe which held a wick, the globe suspended from a curved support poised on the head of a figure—perhaps a chimerical creature who sat on a sort of broad basin-topped pedestal—set on a fluted stem, and with rectangular base or paw feet. This type of *lampe* gave the designer an opportunity to use classic motifs somewhat freely and was a thing of beauty. The term *lampadaire* was used for the monumental candelabrum of Roman type with its standard composed of vase and urn motifs, and ornamented with swags, eagles' and goats' heads, winged lions, sphinxes, acanthus and anthemion. Percier and Fontaine's book of designs includes two lamps in the form of a globe, one surmounted by a classic head, the other by a figure; the oil burners branching at right angles from the globular oil reservoir, the whole contrivance being set upon a beautiful standard of the classic type.

GIRANDOLES AND CANDÉLABRES

The term *girandole* was still somewhat confused with *candélabre*, but generally it referred to a small *candélabre*. Biennais, the silversmith, made beautiful three branched *girandoles* for Napoleon. His *cassolettes* of silver were no less handsome. These ornamental vases could be used as candle holders by reversing their covers, inside each of which was a socket for a candle or for a branched *candélabre*. He also made *grandes chandeliers*—great candlesticks—for the altar, employing the motif of the eagle or the Hapsburg double-headed eagle at their bases.

Possibly the most noted change in the wall fixtures was the motif of the arrow supporting the candle socket horizontally. One example of *bronze ciselé et doré* has four arrows fixed in a circular medallion as if each had been shot into a target. But not all wall lights, brackets—*bras* or *appliques*—showed as radical a change,

(Continued on page 162)



Tudor Stone Roofs and Flaggings

The individuality and architectural harmony of Tudor Stone Roofs are due to the fact that every roof is especially designed for the house for which it is specified. The slate is quarried and cut in the color tones and sizes required and the roof laid in strict accordance with the design.

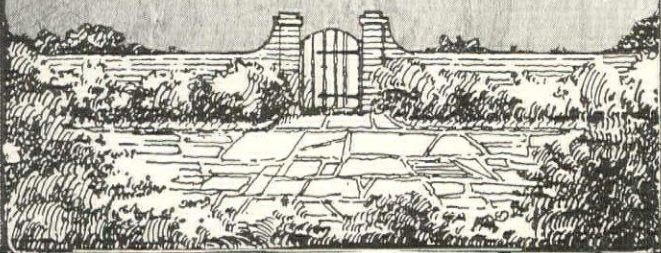
Our Architects' Service Department, under the direction of Mr. Walter McQuade, a practicing architect, will gladly cooperate with you and your architect in planning a Tudor Stone Roof. We shall be pleased to send you upon request a copy of our illustrated booklet which fully describes our service

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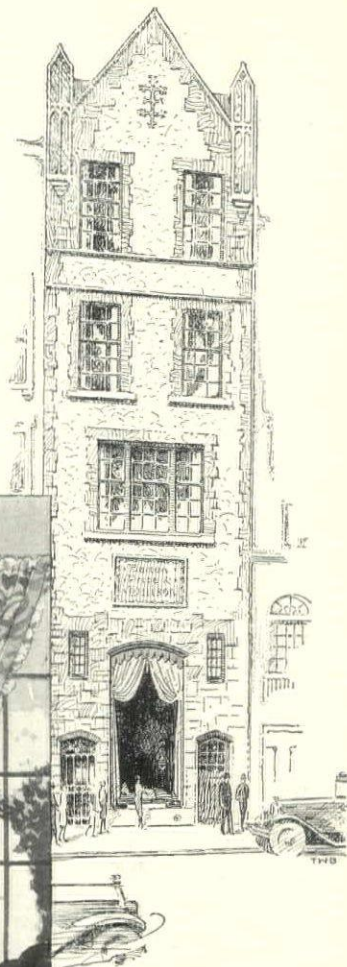
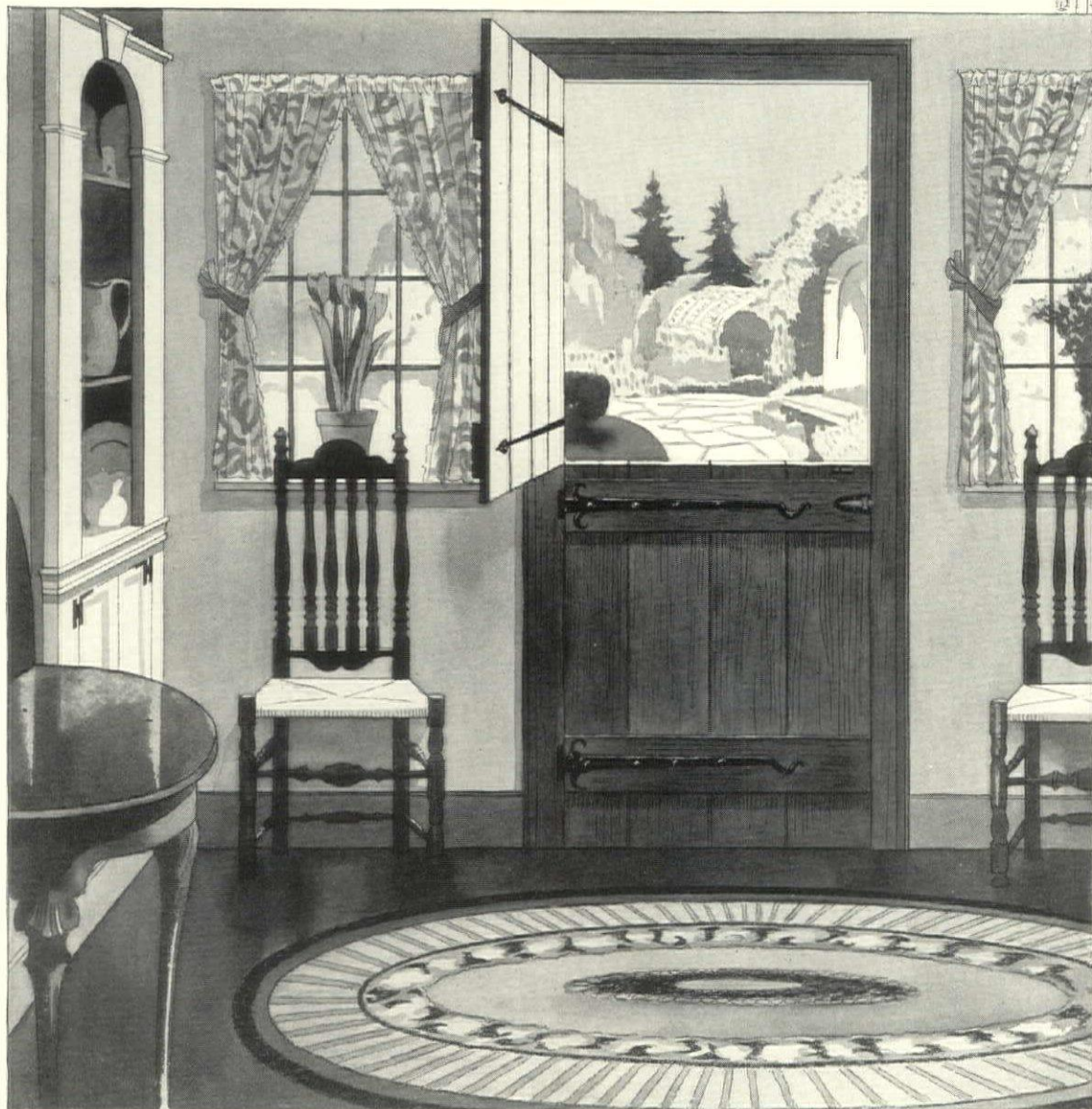
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NEW YORK

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BOSTON PHILADELPHIA DETROIT CHICAGO



An interesting use of McKinney Forged Iron Hardware by Barton, Price & Willson



The facade of the building of Barton, Price & Willson, Incorporated, 46 East 57th Street, New York, to whom we are indebted for the suggested use of McKinney Forged Iron Hardware given here. Among many notable commissions of widely varying character executed by this firm is the decoration and furnishing of the home of Mr. William C. Durant, and that of Mr. Asa G. Candler, Jr.

Now that genuine rustproof forged iron hardware by McKinney is available at such reasonable cost, home owners and home builders in increasing numbers are asking about it—how to apply it properly, where to get it and how much it costs.

To facilitate its proper use and to suggest a setting appropriate for McKinney Forged Iron, Barton, Price & Willson, one of New York's best known and most famous firms of Interior Decorators,

have designed the lovely room sketched above. In its simplicity, its adherence to tradition in both architectural style and furnishings, it provides an ideal background for McKinney Forged Iron Hardware.

The graceful hinge straps on the interior of the Dutch Split Door are of the Etruscan design, those on the outside being the familiar and long admired Heart design. The use of different designs inside and out is an unusual touch adding to variety and interest. A Heart design entrance handle set is in keeping, as is also a gracefully scrolled Surface Bolt, not shown because of the swing of the door.

The built-in Colonial cupboard has lower doors set off with H & L hinge plates, authentic in design and most appropriately used.

Forged Iron Hardware by McKinney includes all pieces necessary to the outfitting of a home complete, both inside and out. Doors of all types, windows, cupboards, closets, drawers, gates, garages—all have been provided for. Even to lanterns of romantic de-

sign and fascinating finish, the pieces are complete.

Builders' Hardware Merchants of the better sort carry McKinney Forged Iron in three finishes, Relieved Iron, Colonial Dead Black Iron and Rusty Iron. All are rustproof and will last for many, many years. It is worth a special trip to see them.

Send For This Beautiful Free Brochure

This Brochure presents twelve studies showing authentic applications of Forged Iron Hardware. It illustrates the treatment of doors, windows, cabinets, etc. Send for this Brochure at once. Then visit your Builders' Hardware Merchant and make your selection. Forge Division, McKinney Manufacturing Company, Pittsburgh, Pa.

FORGE DIVISION, MCKINNEY MFG. CO.
Pittsburgh, Pa.

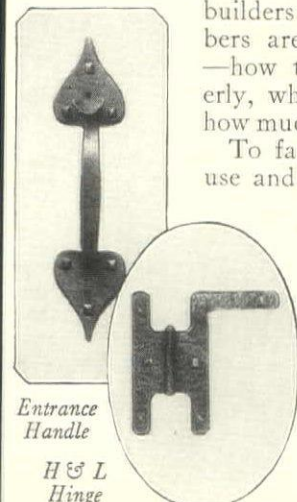
Please send me, without obligation, the items I have checked:

☐ 5 plates showing details of lanterns ☐ Brochure on Forged Iron Hardware

NAME

ADDRESS

Name of your Hardware Merchant..... H & G 6-27



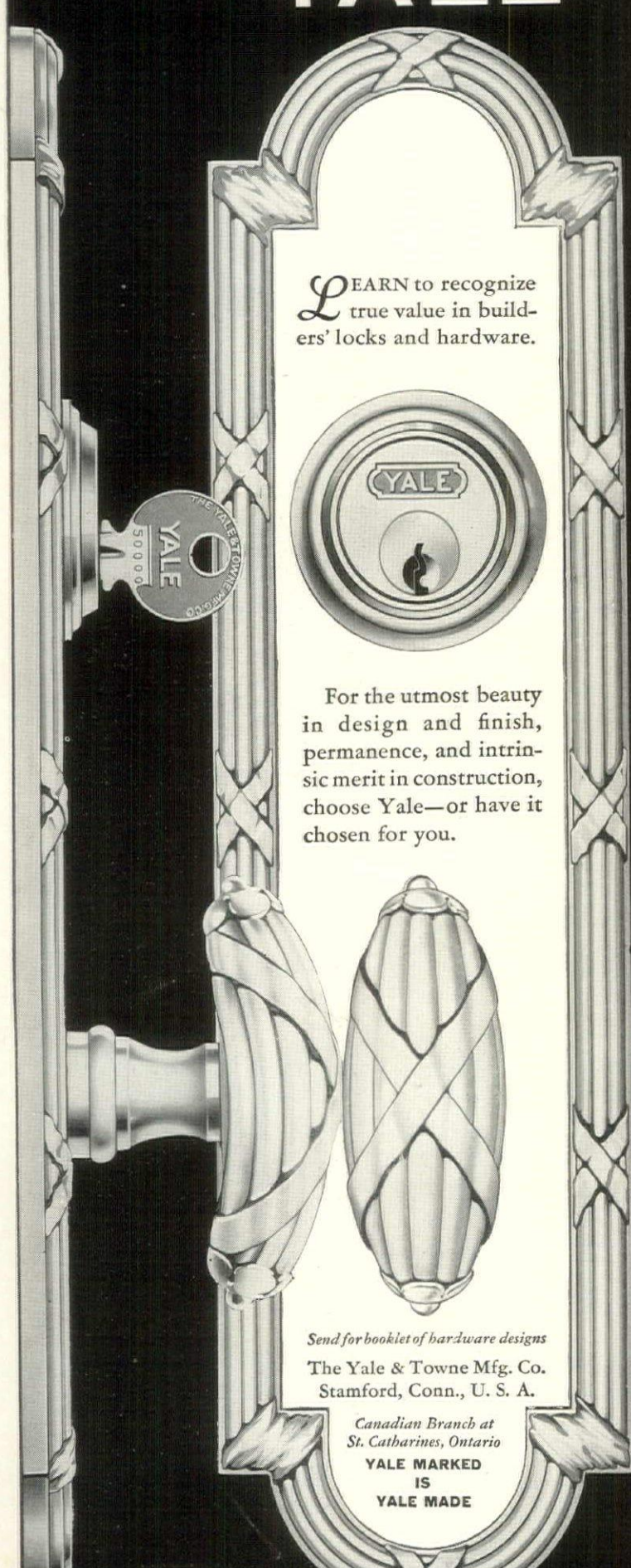

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*L*EARN to recognize true value in builders' locks and hardware.

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**YALE MARKED
IS
YALE MADE**


Shop fronts added to old-fashioned brownstone houses are one of the modern solutions being applied in New York City. This example, designed by Harvey Stevenson, has pleasing architectural merit

SHOPS FOR TOWN BETTERMENT

(Continued from page 109)

a city house into a semi-business building with a shop front on the street has been cleverly solved in the case of the shop front shown above. Here, and at what must have been at fairly small expense, the lower front of the original building has been completely altered with practically no sign of a compromise between the old and new façades.

Two small shop fronts; an old one in Litchfield, Connecticut, a town noted for its fine Colonial houses, and a modern one in Baltimore, on page 138, show what a delightful effect

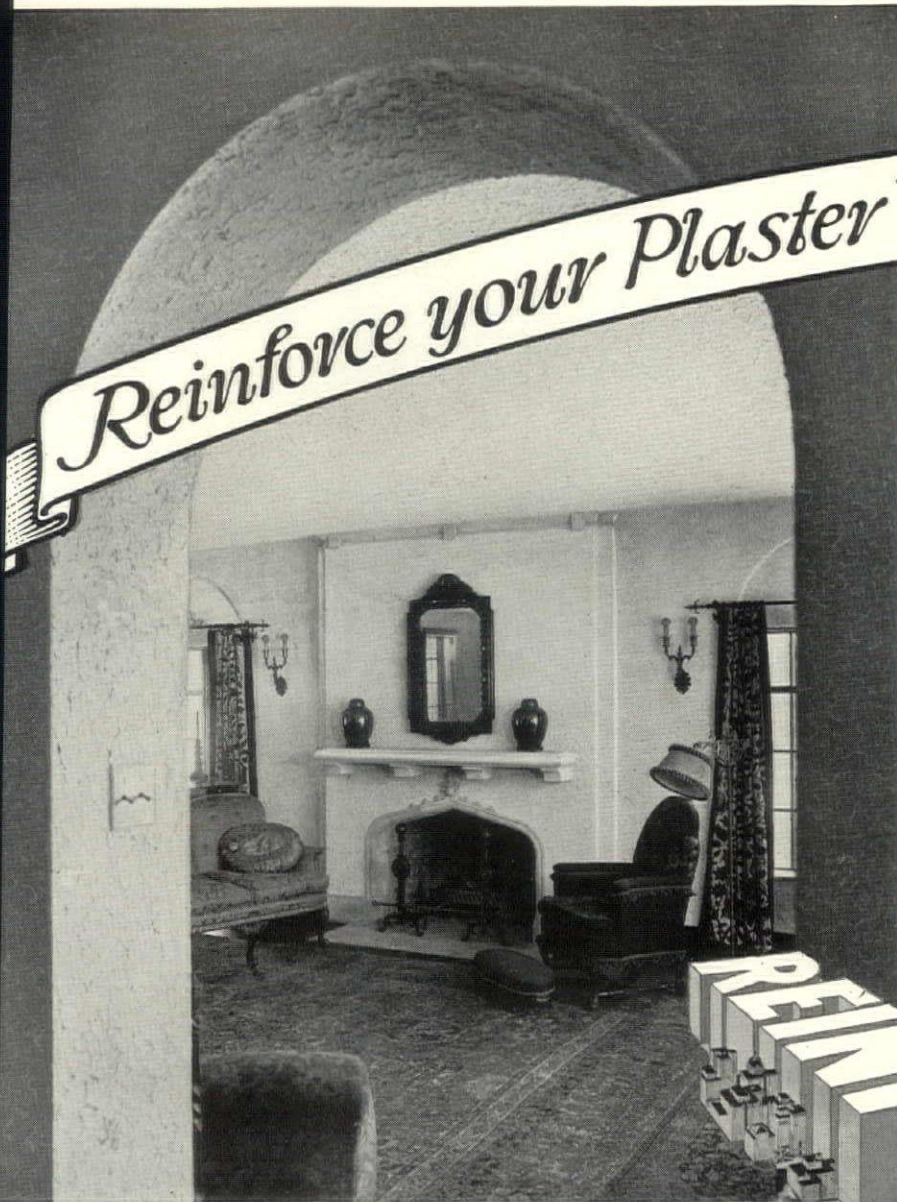
may be obtained by means of bow windows. These two buildings offer, by the way, a striking contrast in the treatment of their signs. The sign on the former is not only unnecessarily large, but makes use of what may be at present a popular spelling yet which is nevertheless absurd in its struggle to be quaint—a struggle that completely overthrows common sense in a sign elsewhere which advertises "Ye Radio Shoppe"; while the beautifully lettered band on the Baltimore tea room is not only

(Continued on page 138)

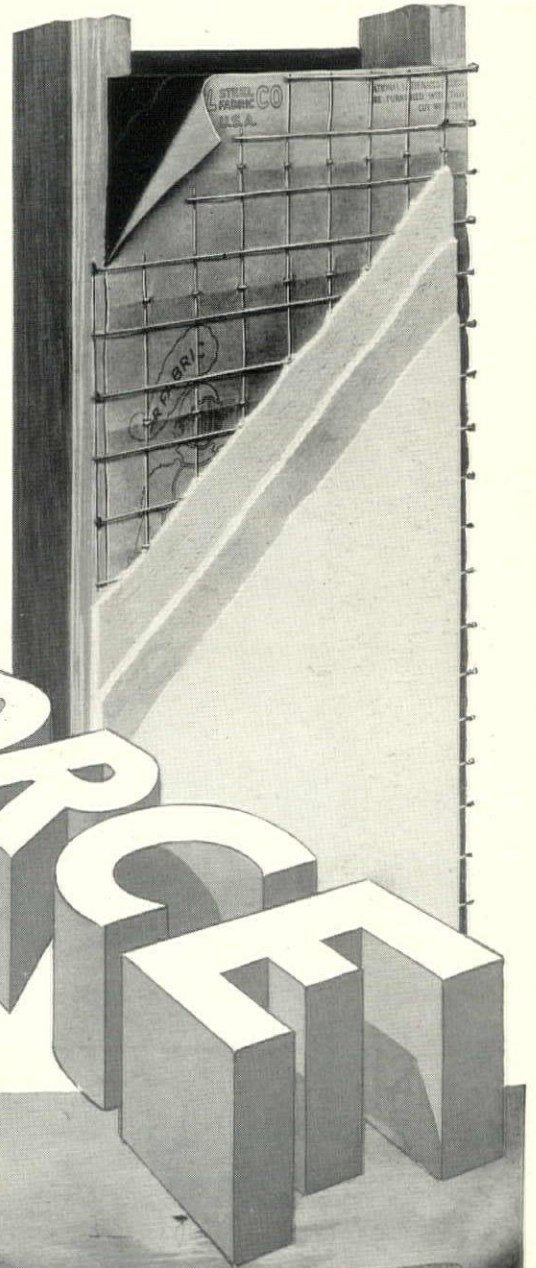


Clark

In Litchfield, Conn., the home of much good Colonial architecture, is found this 18th Century antique shop with balanced bow windows



*"Don't Build an Old House -
Use Modern Materials"*



Beauty and Freshness Are Retained in Plaster Walls and Ceilings—

you can always point to them with pride—no cracks, lath marks, stains, or fallen ceilings, when the plastering is applied to **NATIONAL REINFORCING**.

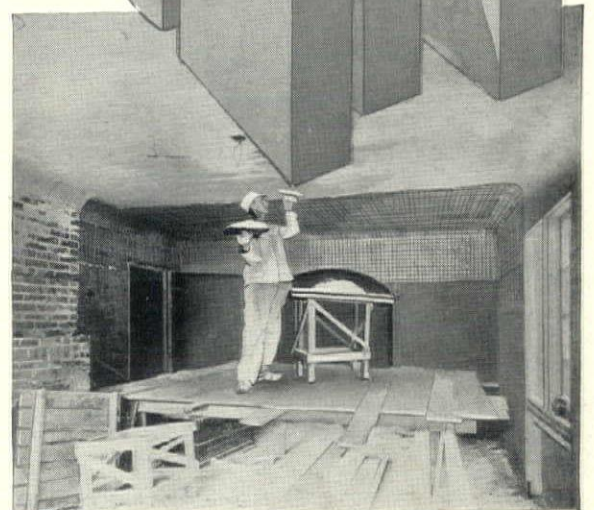
NATIONAL REINFORCING for **PLASTER** and **STUCCO** is composed of a galvanized [non-rusting] welded steel wire fabric (*the same material, only lighter in weight, is used to reinforce and strengthen concrete roads, bridges, floors, gypsum roofs, etc.*) combined with heavy, two-ply, moisture-proof, sound-deadening insulation—it is used in place of lath—a reinforcement, insulation and sound deadener, all in one product, quickly and easily applied in one operation by lathers.

This material has been used by good plasterers in thousands of modern homes, where crack-free, insulated walls were desired at reasonable cost.

"Given the right materials to work with, the up-to-date plasterer becomes an artist who makes your walls as pleasing and refreshing as a picture."

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OFFICES AND WAREHOUSES IN PRINCIPAL CITIES



NATIONAL STEEL FABRIC COMPANY.
911 Union Trust Building, Pittsburgh, Pa.

Gentlemen:

Without charge or obligation, please send me your new book on **REINFORCED PLASTER CONSTRUCTION** and the names of plasterers in my locality who will give me prices on **NATIONAL REINFORCED PLASTER** and **STUCCO**.

Name..... Date.....

Business..... Street and No.....

City..... State.....

H.G.-6



Leading Cities by Ordinance Require Cast Iron for ALL House Drains

VITRIFIED pipe, illustrated at right of above graphic, is prohibited in many cities where the Board of Health is honest and efficient, because they intend to prevent epidemics. To prevent basement soils from becoming reeking beds of filth. To prevent pollution of city water supply. To prevent sewer air from escaping into the building. To prevent settlement of foundation walls.

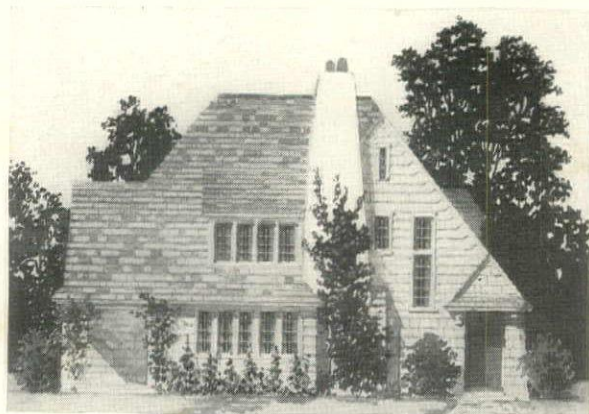
Cast Iron Soil Pipe, for house drains, illustrated at left, are vastly superior to clay sewer pipe: Longer lengths,

therefore, less joints. Will not fracture or leak from ground settlement, or shifting of position. Absolute dependability of joints. Any slight settlement taken up by lead joints. Smaller pipe sizes required. Not affected by steam and extreme hot water. **No possible chance for soil contamination, or city water pollution.** Costs less to install, when health considered and tight line required. Will last longer than the building. **Is never obstructed by root growth.** Write for illustrated booklet: "Avoid Hidden Danger."



The
**SOIL PIPE
ASSOCIATION**

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A. B. LeBoutillier, Architect, Boston*

Cabot's Creosote Shingle Stains

*The Penetrating, Preservative Stains
for Shingles, Siding and Boarding.*

THE colloidal-compound pigment colors and the Creosote both penetrate into the pores of the wood like dyes. These rich, permanent colors do not fade and cannot wear off until the wood itself is worn. The Creosote preserves the wood from decay and insects.

Cabot's Collopakes

*Permanent Pigments Colloidally Compounded
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Medium-Bodied—artistic tints for stucco, brick and woodwork. They color stucco without spoiling its texture and the colors are like pastels. Waterproof, durable, easy to apply, low cost.

Heavy-Bodied Greens—Pure, unfading greens for blinds, doors and trim. Do not turn dull; always remain fresh and lively.

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No Garbage Can or Rubbish Pile in Mr. Lubin's Beautiful Home

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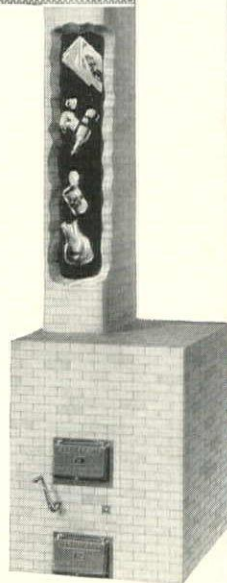
All waste — not only garbage, but tin cans, bottles, old magazines, wilted flowers and rubbish of all kinds — is simply dropped into the handy Kernerator hopper door in or near the kitchen. It connects with your regular chimney leading to a combustion chamber in the basement. Here the accumulation is air dried and lighted occasionally. Metallic objects and other non-combustibles are flame-sterilized for removal with the ashes.

The Kernerator must be built-in when building. Over 2500 architects and contractors use and recommend it. Selected for Home Owners Institute Model Homes in 30 principal cities. Write for booklet, "The Sanitary Elimination of Garbage and Household Waste."

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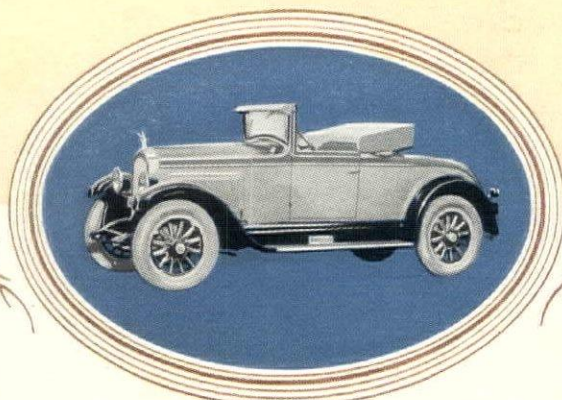
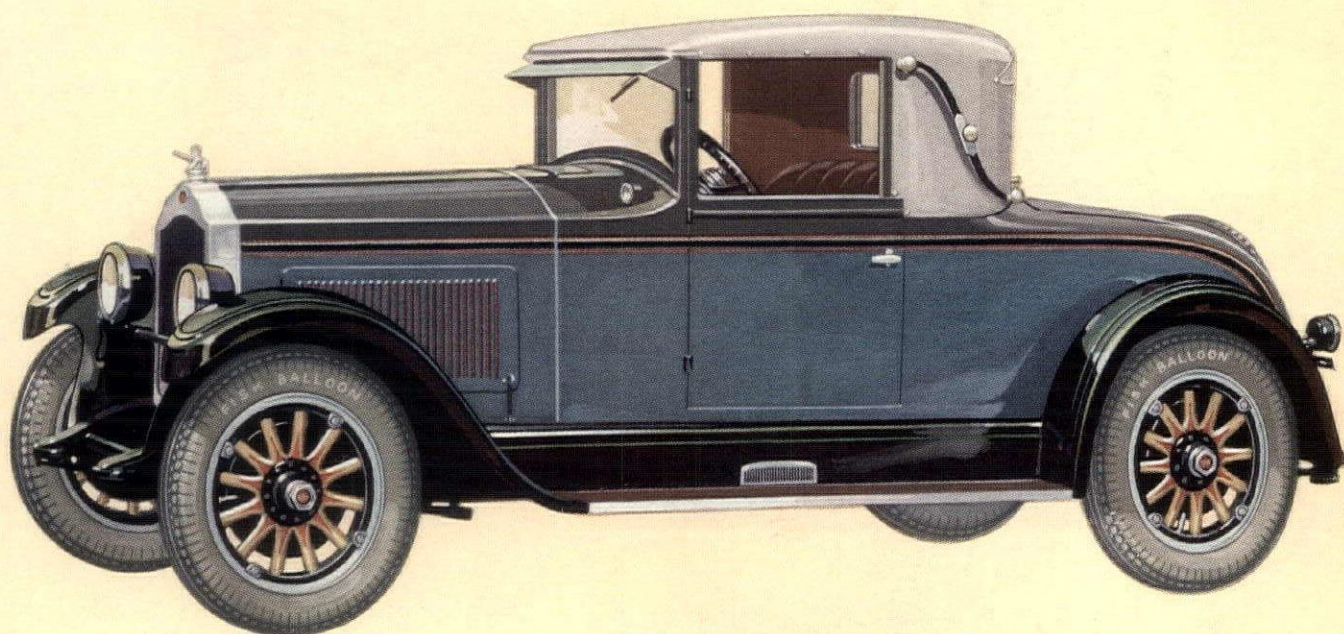
KERNERATOR
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Open or closed . . . with dickie seat . . . holds four.

A MOST accommodating dual-purpose car, this celebrated "70" Willys-Knight Six Cabriolet Coupe. Now, a closed car—cozy, warm, weatherproof. Then, with no trouble, it readily transforms into a dashing roadster, affording all the fresh air and freedom of the conventional type of roadster.

No other car is so richly equipped with advantages:—

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the chassis lastingly quiet. No greasing or adjustment. **8 Timken Bearings in Front Axle**—Twice as many as in most fine cars. Easiest steering you have ever known.

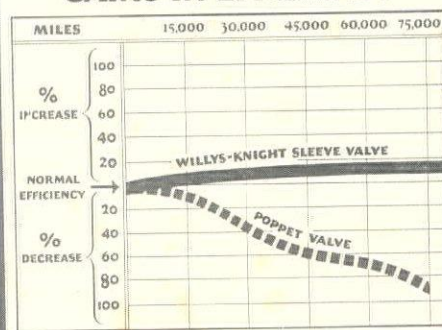
Light Control at Steering Wheel—Within easy finger reach. Convenient as a wrist-watch.

Narrow Body Pillars at Windshield—Insuring greater vision. An added safety factor. **Adjustable Front Seat**—Designed to fit *you*, regardless of your size or stature.

Gabriel Snubbers—Air-Cleaner—Thermostatic Temperature Control.

"70" Willys-Knight Six, \$1295 to \$1495. Willys-Knight Great Six, \$1850 to \$2850. Prices f. o. b. factory and specifications subject to

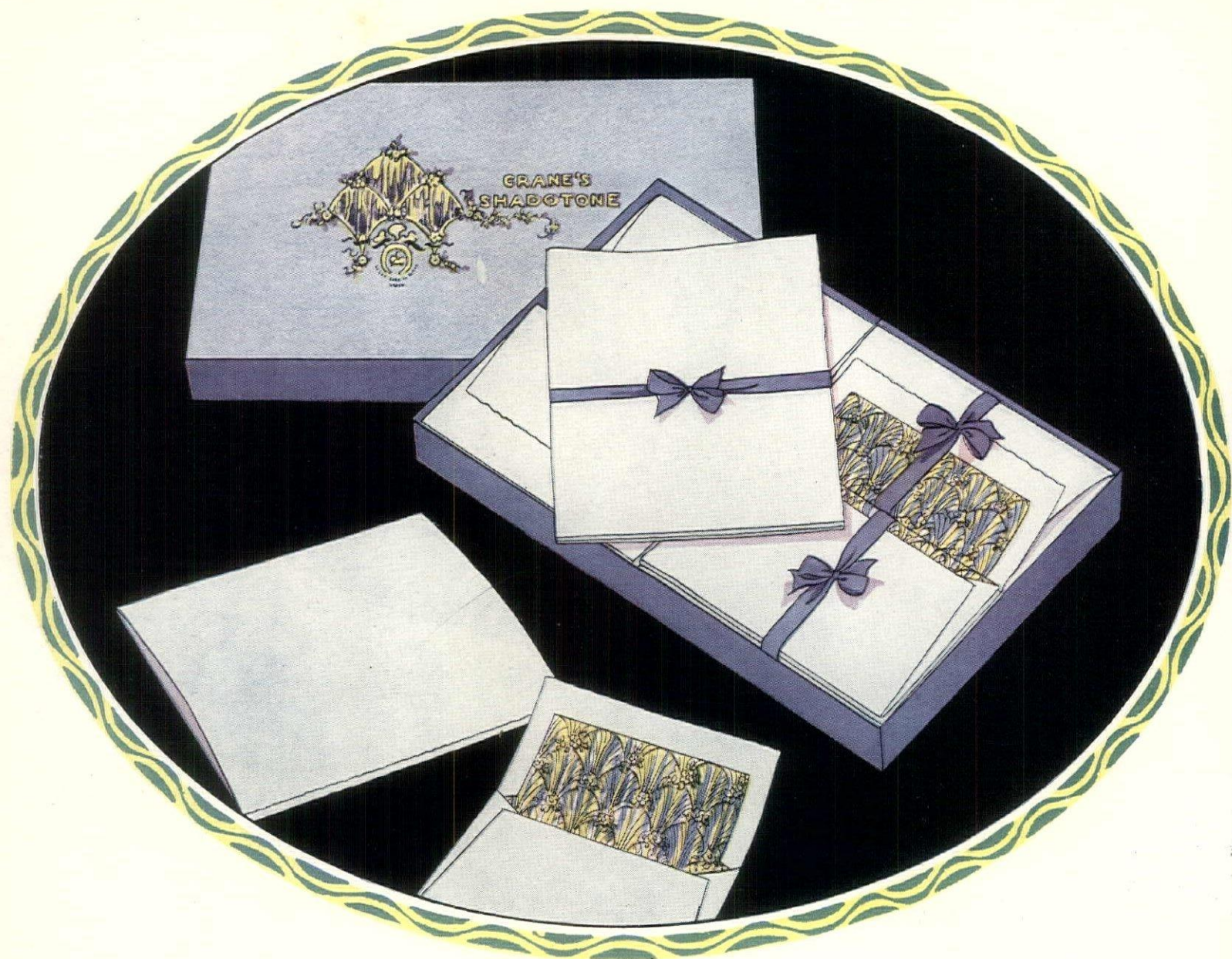
WILLYS-KNIGHT ENGINE GAINS IN EFFICIENCY



POPPET VALVE ENGINE LOSES

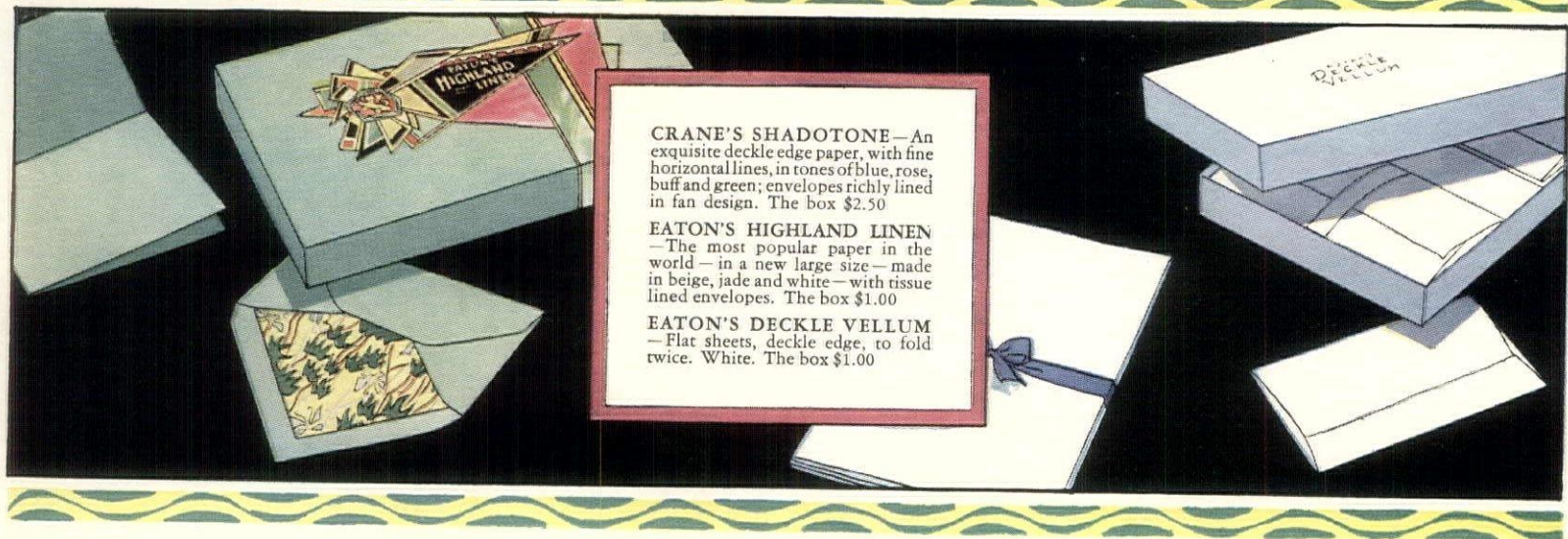
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WILLYS-KNIGHT SIX



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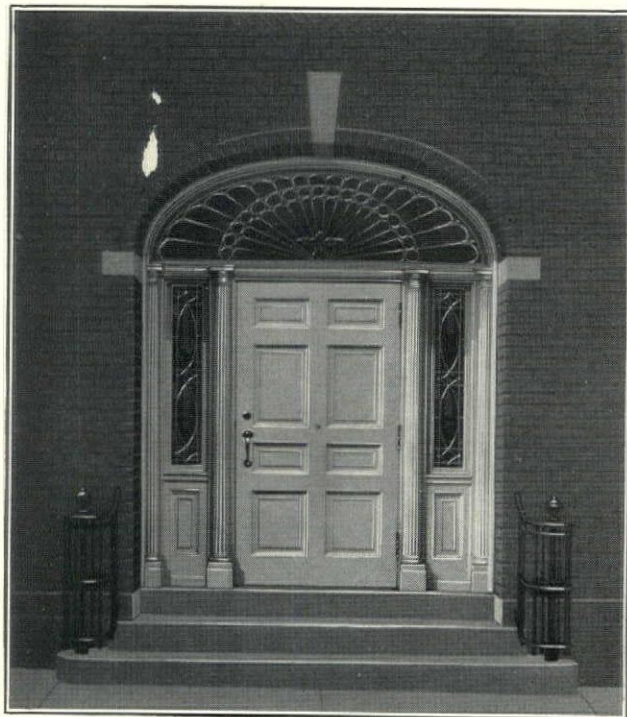
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HERE you have the Cranes and Dwarfed-trees of that quaint story-land, Japan, as pictured by the famous Landscape Artist "Hiroshigi". It is peculiarly fitting that this design should be shown on Grasscloth.

The vine from which this beautiful wall covering is fashioned grows wild on the hills of Japan—is gathered by the peasants, and on their age-old wooden looms they weave it into this cloth of wonderful sheen and interest for your walls.

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Can you find a better investment?

EARNINGS of 50% to 65% the first year. Complete return of your investment (plus a profit) the second year. Every year after this a gift of \$5 a radiator for each and every radiator in your home.

THE average heating system requires approximately one and one-half tons of coal (or 190 gallons of oil) a season for each radiator.

By replacing ordinary air-venting valves on the radiators of your one pipe steam system with Hoffman No. 2 Vacuum Valves, you save $\frac{1}{3}$ of this fuel.

By this saving, you earn 50% to 65% on your investment in Hoffman Vacuum Valves—the first year.

At the end of the second, you have your original investment back—plus a profit.

Every year, after this, you make yourself a gift of approximately \$5 a radiator for each radiator in your home.

Here is the reason. When a boiler produces steam, steam has to lift an air load of 14.7 lbs. on every square inch of surface to force air out of radiators.

If air cannot escape, steam cannot circulate even under high pressure. That is why an air-venting valve was originally placed on each radiator.

When you get up steam every morning, much is wasted in lifting this air load of 14.7 lbs. For (unfortunately) ordinary air-

venting valves let air back in just as they let it out—as soon as steam pressure drops.

The Hoffman No. 2 Vacuum Valve lets air out *quick—then locks it out.*

This removes the "air load." A partial vacuum is created. Now, when you get up steam, it rushes unrestricted to radiators. Steam does not waste its heat energy fighting air.

That's why Hoffman Vacuum Valves make radiators hot in 15 minutes (not an hour).

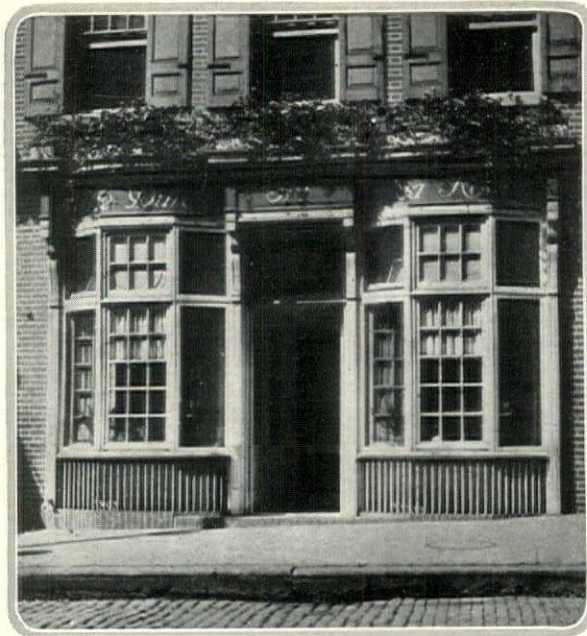
That's why radiators stay piping hot 3 hours (not 30 minutes) after fires are banked. For, air being locked out, steam continues for a long time to flow into radiators and give off heat.

Hence greater comfort and—you save $\frac{1}{3}$ of the coal or oil you formerly used.

Send for book—Like any investment, this one is worth studying. For complete facts, send for an interesting illustrated book, "How to Lock Out AIR—the heat thief." Just write your name and address on edge of this page and mail to Hoffman Specialty Co., Inc., Dept. H-9, 25 W. 45th St., New York, U. S. A.



HOFFMAN VACUUM VALVES



One of the most pleasing of modern shop fronts done in the old manner is a tea room in Baltimore designed by Lawrence H. Fowler

SHOPS FOR TOWN BETTERMENT

(Continued from page 134)

lovely to look at but a just as appealing invitation to enter the doorway beneath it.

One of the shop fronts on a business block in a New England town is shown on page 109. It was designed by Electus D. Litchfield, and not only succeeds in preserving the architectural character of the town but encourages towards an equal excellence subsequent buildings of its type.

It is a difficult and rather unfair method of improving the appearance of shop fronts, and thereby of im-

proving the appearance of streets and towns, by condemning and criticising the bad ones; but it is possible, by public praise and approval, in one form and another, to encourage a higher standard. The arguments in favor of better designs are as numerous as they are strong, and civic societies, chambers of commerce and local newspapers can do much in the way of presenting them. The results would soon be noticeable, and the public as well as the individual proprietors would certainly benefit.

EDITOR'S NOTE.—In the Town Betterment Series the subjects listed below have been considered. Those that are starred are accompanied by original designs for buildings, etc., of which working drawings may be obtained at the nominal price of \$1 for each individual set. Apply to the Town Betterment Editor, House & Garden, Graybar Bldg., Lexington Avenue, at 43rd Street, New York, N. Y.

| | |
|--------------------------------------|-------------|
| Roadside Booths..... | April 1925* |
| Benches & Flag Poles..... | May 1925* |
| Filling Stations..... | June 1925* |
| Street Lights..... | July 1925* |
| Roadside Signs..... | Aug. 1925* |
| Small Buildings..... | Sept. 1925* |
| Roadside Design..... | Nov. 1925 |
| Club Houses..... | Dec. 1925 |
| Salvage for Town Betterment..... | Jan. 1926 |
| In the Cause of Town Betterment..... | Feb. 1926* |
| The Best Street Trees..... | Mar. 1926 |
| Band Stands..... | April 1926* |
| Real Estate Offices..... | May 1926* |
| Village Greens..... | June 1926* |
| The Westchester Parkways..... | July 1926* |
| Station Grounds..... | Aug. 1926 |
| A Wayside Trolley Shelter..... | Nov. 1926* |
| Information Booths..... | Dec. 1926 |
| Preserving Historic Houses..... | Jan. 1927 |
| Memorial Fountains..... | Feb. 1927 |
| Traffic Signals..... | Mar. 1927* |
| Community Memorials..... | April 1927 |
| Landscaping War Memorials..... | May 1927 |
| Playgrounds..... | May 1927 |



Charm and comfort meet in this attractive cottage

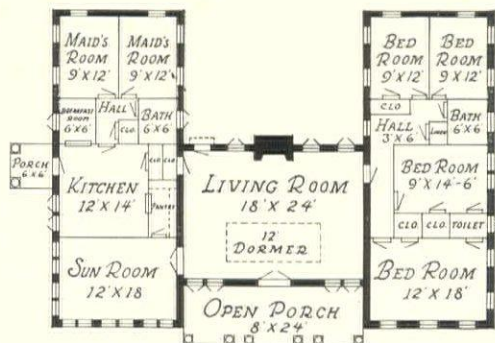
BACK a little way from the road—just at the border of the woods, you'll find this little Hodgson Cottage. How inviting—how cozy it looks nestled there against the pines. This is a sample cottage; let's step in and look around. The first thing you'll be aware of is the delightful atmosphere of comfort. A breeze blows through the screened windows, gently stirring the ruffled curtains. There are gay rugs on the polished floor. Wicker chairs are here and there, and in front of the fireplace there stretches a restful davenport. It's all so homelike—so charming.

Perhaps you had an idea that portable houses were rather flimsy affairs. If so, you'll be amazed at the sturdy construction of this Hodgson Cottage.

Many people are here besides ourselves, walking to and fro, yet this house remains as steady as though built of stone.

Hodgson Houses come to you in finished sections, plainly numbered and all ready to bolt together. Quickly erected with unskilled labor. Free catalog gives complete information regarding Hodgson Portable Houses, cottages, camps, play houses, garages, poultry-houses, etc. Also garden furnishings, bird houses, dog kennels, etc. Send for catalog G today. E. F. Hodgson Co., 1108 Commonwealth Ave., Boston, Mass.; 6 East 39th St., New York City.

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SHAPCO

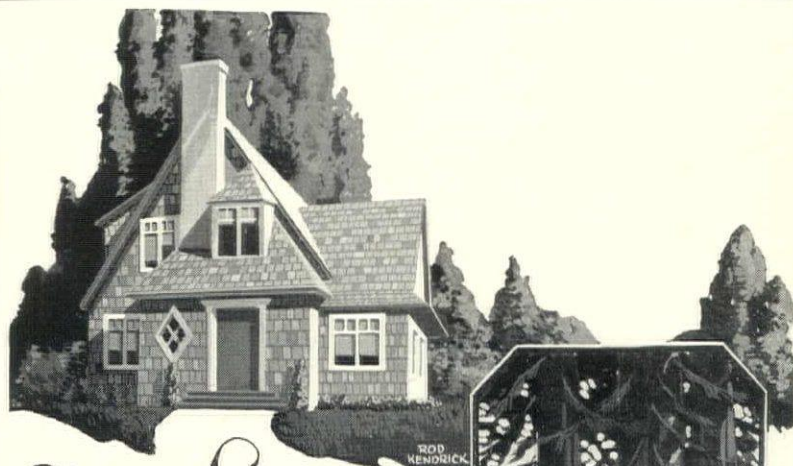
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The Comfort of the Shingle Home

PERHAPS you have had, on a blazing mid-summer day, the pleasant experience of entering a shingle covered home. If you have you will remember that refreshing coolness as if the shade of a forest lingered over roof and sidewalls.

Technically, however, the pleasant contrast was due to insulation. Red cedar is a perfect non-conductor of heat, which means, of course, cool houses in summer—and economically heated houses in winter.

Red Bands are perfect red cedar shingles, triple inspected and trade marked with a red band. They insure, in the highest degree, the long life and home comfort qualities of red cedar shingles. Write us for booklets and for name of dealer near you.

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NO matter how your floors may be finished—in the deep natural wood, varnished or shellaced, Butcher's Boston Polish will give them a new freshness and beauty. And what is more, Butcher's protects all floors, furniture or woodwork against the severest wear. The secret of good floors has been handed down through three generations of discriminating housewives. Throughout these years the finest homes in America have kept their surfaces constantly bright and clean by using Butcher's Paste and Liquid Wax—easy to apply, economical to use. Leading architects and designers throughout the country recommend the use of Butcher's Boston Polish in both Paste and Liquid forms.

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BUTCHER'S

BOSTON POLISH

USE BOTH



FROM INSIDE LOOKING OUT

(Continued from page 118)

what the house will look like outside. It is charming, but when almost completed, you suddenly begin to think of what you will see from the windows. You may find that the casement windows, which make the exterior of the house so interesting, have been placed in such a way that when you sit in a chair you cannot look out into the garden.

"I want my living room flooded with sunshine," said a client to her architect the other day. "So make the windows as large as possible. I must have light and air." This lady had what might be called a one-sided idea of what windows could do. True, one of their functions is to let the sunshine in, but another perhaps more important is to let out the roving spirit of man.

Windows once were cracks, through which wild animals watched the world. They have served the anxious gaze of beautiful and noble ladies who sought dust clouds which held their returning warrior lords.

VIEWS THAT REST

Sick men through the ages have besought their nurses to move them to the window so that their tired eyes might gather up strength from the hills and the gentle motion of trees and waving blossoms. Children can spend hours at the window, or kneel patiently on the seat of a trolley car absorbed by the moving scene on the other side of the glass. Cooks and stokers on ships look out from tiny portholes and the black depth wherein they toil recedes as they slip out on the beams of vision to the moving mysterious horizon. So too, each one of us at the end of many months of labor at our chosen tasks look out expectantly through the eye's window upon vacation scenery. One cannot contemplate these many experiences without realizing at once how profoundly moving a thing it is just to look from inside out. The window and the glimpse beyond then becomes perhaps the important feature of the room in which we find ourselves.

Ventilators opening on grey walled air shafts would doubtless serve to keep our bodies alive, but surrounded by them alone our spirits would surely wither. But we can fool ourselves delightfully. Illusion can oft be made to substitute for us the real thing. Hundreds of feet of trellis arching over a long walk can be compressed into eight or ten feet of well-laid brick and cleverly designed lattice perspective, and with some gay paint a dingy New York backyard blooms into a paradise. I know one hard-boiled business man who takes his morning stroll in such a place by merely looking over the top of his newspaper secretly and unobserved each day. This discovery of his interested him in country life to such an extent that he began putting in potted plants and bulbs beside the lattice, and now each spring his ten foot outlook and pink brick wall is a tidy riot of color and peaceful greenery.

Of course, the fortunate possessors of penthouse apartments are blessed beyond the lot of most men. They are the lords of all they survey. No

Babylonian Prince from his hanging gardens could boast a more expansive sweep for jaded eyes. But before our Metropolitan Princess need let her vision leap beyond the parapet of her roof it can fall from the bay window of her penthouse library upon three distinct views. The space is not large, but out of one window she looks into a tiny greenhouse filled with growing things. The smell of Violets and Freesias takes her far from Park Avenue and adds a sense of warmth and illusion. Out of another window is to be seen a fountain in a blue niche and through the third window a group of delightful garden furniture and gay striped awnings. These three views were carefully planned and every effort was made to give the illusion of space.

In the country where we take for granted that "all out-of-doors" is ours for the looking, the efforts of many owners and architects are focused on the house. Furthermore "all out-of-doors" is too much for all of us at once. Pieces of it, however revealed unexpectedly, suddenly on turning a corner or peeping through a small window on the stair, "flash upon that inward eye which is the bliss of solitude." As I write there slips into mind the view from the high tower above the cloister of Mont St. Michel. Looking down over the long-forgotten gardens of the monks, thought follows light far out across the shifting, moving silver sands and onward over the blue waters to the hazy, shimmering, ghostlike outline of the Islands of Guernsey. Whether we stand there actually or revert there on the wings of memory, a glance looking through those stone apertures lifts us to eternity. These outlets in mere walls and balconies, their turrets and casements were not designed as architectural features. They have become such because they express in permanent stone needs of past generations. One can well imagine the inward thrill in the hearts of the grim company of militant monks who paced the massive stone corridors and halls of that fortress monastery as they turned from its grey rock to look out upon the rushing white-plumed vanguard of the advancing tide.

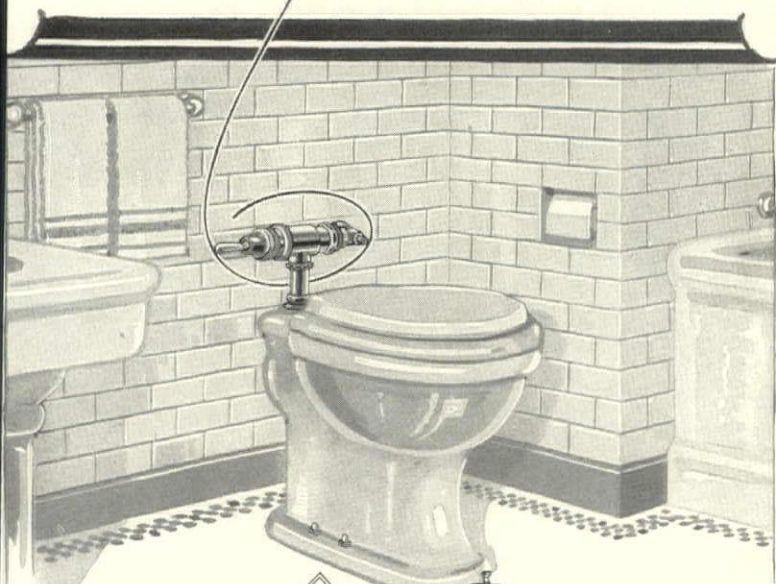
IMPORTANCE OF OUTLOOK

Now with all this weight of evidence proclaiming the importance of what Sister Ann or any one else may see from turret top or window sill, it is difficult to understand why so little space is given to the matter in architectural magazines. There is a wealth of design and plan for houses, their interiors and furnishings, and likewise for gardens and planting, but rarely do we see the reproduction of a glimpse through the door or window shown for that purpose only.

Quite clearly the matter of what you are going to look out upon looms large in importance. Is it possible that too much thought and concentration have been focused upon the type of house and the period of its interiors rather than upon the imaginative needs of the owner?

(Continued on page 172)

The Key Point of Modern Sanitation



Bridgeport-Keating
FLUSH VALVE

IT is taken for granted that basins and tubs in the modern bathroom will look immaculate. Yet, it is more important that one vital point be sanitary, even beyond visible cleanliness. Such a standard of sanitation demands a new type of fixture—the Bridgeport-Keating flush valve.

The compact Bridgeport-Keating flushes the bowl quietly and quickly. Unlike the old type of fixture it will not leak or get out of order. Nothing is more insanitary than a toilet bowl from which the elimination is not prompt and complete. The Bridgeport-Keating brings permanent assurance of efficiency at this key point. A minimum amount of water is used and the valve occupies only a tiny space in the room. Remember, too, that it costs no more than the old-fashioned flushing device.

If you are to build soon or remodel, make certain your architect specifies and your plumber uses the Bridgeport-Keating. Should you have difficulty in obtaining this reliable sanitary fixture, write us and we will see that your plumber is supplied.

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Bridgeport, Conn.

"Makers of Brass Products for over 60 Years"

Architects find the Bridgeport-Keating flush valve ideally suited to the strict requirements of public institutions and industrial plants, as well as fine homes. There are types for both exposed and concealed installations in every building on any standard bowl.

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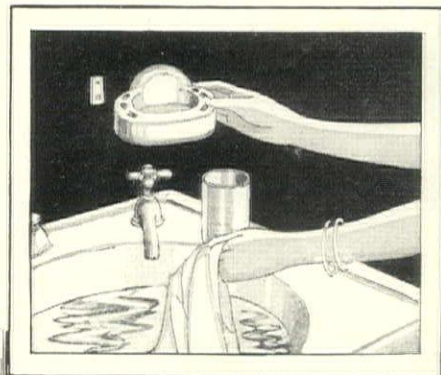
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Plumber's Name

Plumber's Address

Have you seen these very practical BATHROOM FIXTURES

{ You can lift them off and wash them }



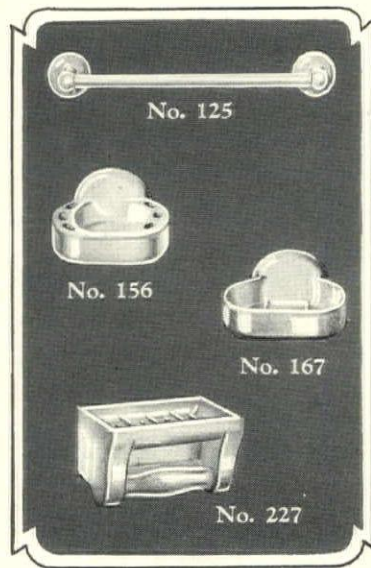
Showing No. 156 Combination Tumbler and Tooth Brush Holder.

NO bathroom fixture made has the wide appeal to all women that "Easy-Set" fixtures have. They are so wonderfully practical—made of white china, and so designed that they attach to your bathroom wall

without visible screws—and are readily lifted off and cleansed whenever this is desirable. These fixtures are easily attached to tile or plaster walls—and their installation makes a radical and beautiful change in your bathroom.

In Colors, Too!

"Easy-Set" removable china bathroom fixtures may also be obtained in four beautiful shades as well as in black for combination with other colors. There is a store near you that carries "Easy-Set"—and if not, write direct to J. H. Balmer Co., 259-267 Plane Street, Newark, New Jersey.



EASY-SET

CHINAWYTE and COLORED
BATHROOM FIXTURES

Introductory Offer

Above we feature No. 156, a combination tumbler holder and tooth brush rack (two fixtures in one). Ask your dealer, or let us send it to you in white china at \$2.00 or in Azure, Fawn, Pool Green, Orchid or Ebony for \$4.00. Send for descriptive colored booklet.

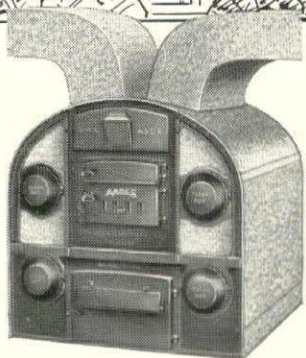
These fixtures are removable for washing.



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WOULD it be legal in a school? In ninety-nine cases out of a hundred the answer is no. In schools the health of the occupants is protected by modern methods of heating, which include standards of humidity, ventilation and temperature.

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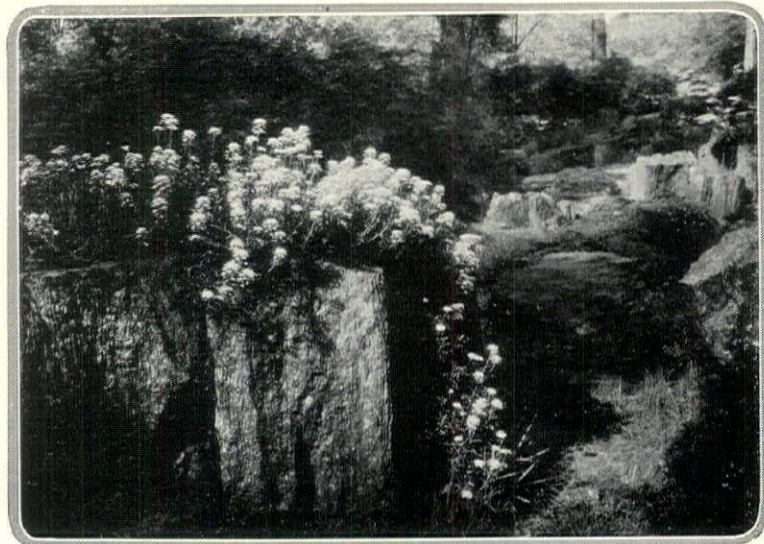
A genuine Andes Gas Range with its own independent supply of Gas can be installed in your home—ANYWHERE. A sparkling porcelain Andes Range that will bring the cleanliness, efficiency and economy of city equipment into your home in the suburbs, at a cost very little more than you are now paying.

Send for booklet giving detailed information.

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GENEVA, N.Y.



Hardy Candytuft (Iberis sempervirens) is one of the rock plants that do well in shade. Its white blossoms are all the more effective for being in dark surroundings

ROCK GARDENS IN THE SHADE

(Continued from page 71)

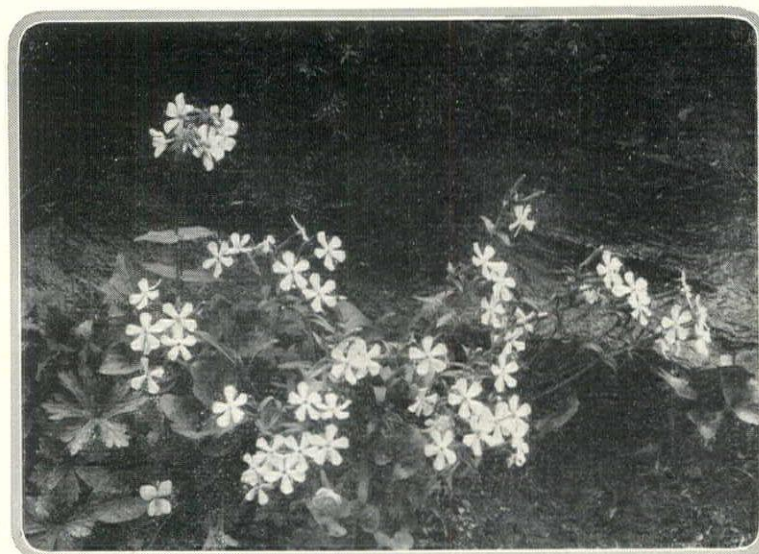
the first type is available for growing a greater variety of plants, for in such a situation will thrive many Alpines that haunt the northern slopes of mountains and which, while revelling in the tempered light, are also dependent upon a free circulation of air and would perish where was the least suggestion of dankness.

Nevertheless we in this country need not fear overhanging branches in the same degree as do British gardeners; the dread "drip" which for them is a matter for continual wailings and warnings is not so terrible a bogie to us. England's skies drip a good deal more than do ours and mists and fogs roll in from all sides, so that a situation beneath trees is sure to be intolerably dank and humid. But in our dryer and more sunny climate trees often provide a gentle half light for which many a plant, that in England must be grown in a fully exposed position, is plainly grateful. Did we, however, exclude from our tree-shaded garden all the plants which, while enjoying shadow must yet have an abundance of light and air, we

should still have the whole realm of beautiful woodland plants, both mountain and lowland, to draw upon; and of the richness of this source few can have any doubt who have made even a slight study of our native wildflowers; and we should have, as well, a great number of bulbous plants that find in a half light no detriment to their health and hardiness—many, indeed, thriving and spreading much more luxuriantly than they would do in full sunshine.

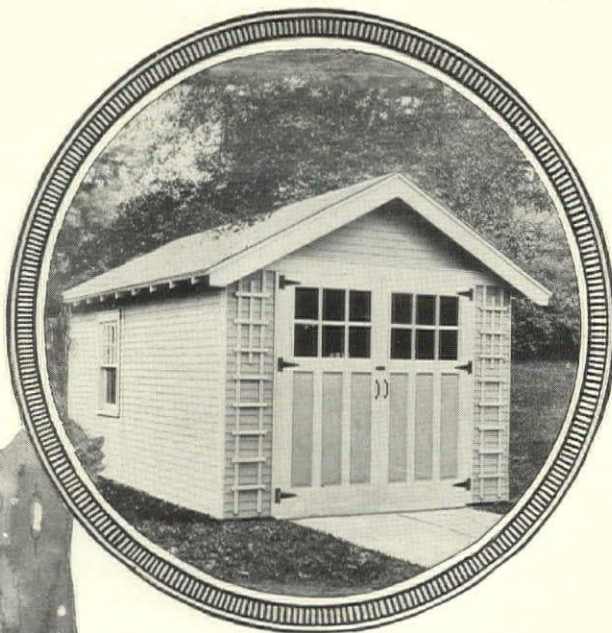
In planning a rock garden in shade it must be remembered that it is as important to arrange varying aspects and conditions as it is in the sunny garden. Bleak northern slopes and the more genial southern exposures will have their candidates; heights and hollows call for different types of inhabitants; beds of loam and leafmold, dry stony places, dampish spots and bogs may be provided, and soils ranging from sweet or limey to various degrees of acidity to meet the needs of a wide variety of possible tenants. And of course there must be varying

(Continued on page 146)



Phlox divaricata grows equally well in sun or shade. The white-flowered form is shown here. A light, well drained soil is the most suitable for its continued success

Togan Summer Cottages & Garages



Quick Erection

Anywhere You Say!

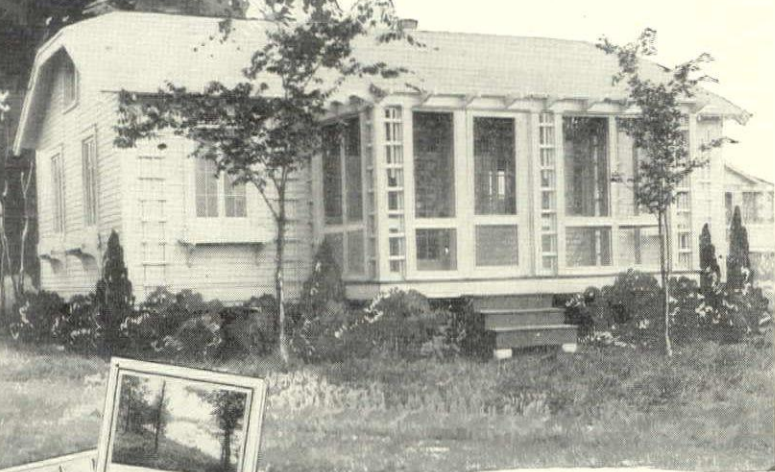
THERE'S really no need to spend half of the best part of this season in planning and building your cottage. There's a better way—the Togan way—that puts the responsibility in the hands of specialists.

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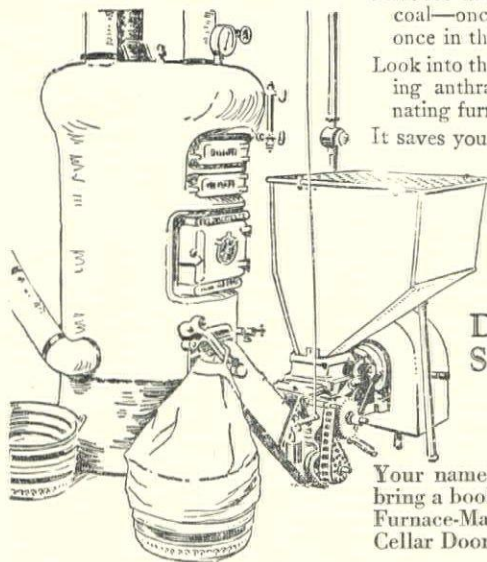


Every Woman Turned To Listen

They knew she had only one servant.
And yet they heard her say:—"I've lived in the country three years and have never yet touched the furnace."
Most of them knew all too much about their furnaces. Irresponsible furnace men, and husbands who missed the last train from town, had taught them.
And here Marjory hadn't even touched the furnace! They knew it couldn't be an oil burner.
Not after what happened at the Talmadges.
And one had to be awfully rich to burn gas.
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How delicious!
And it burns Buckwheat or Rice Anthracite at half the price.
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Your house will be as warm as you want it all the time.
Adjust the heat from a convenient point upstairs.
First see that the hopper is full of coal—once a day at most, often once in three days.
Look into the modern way of burning anthracite coal and eliminating furnace drudgery.
It saves you money.



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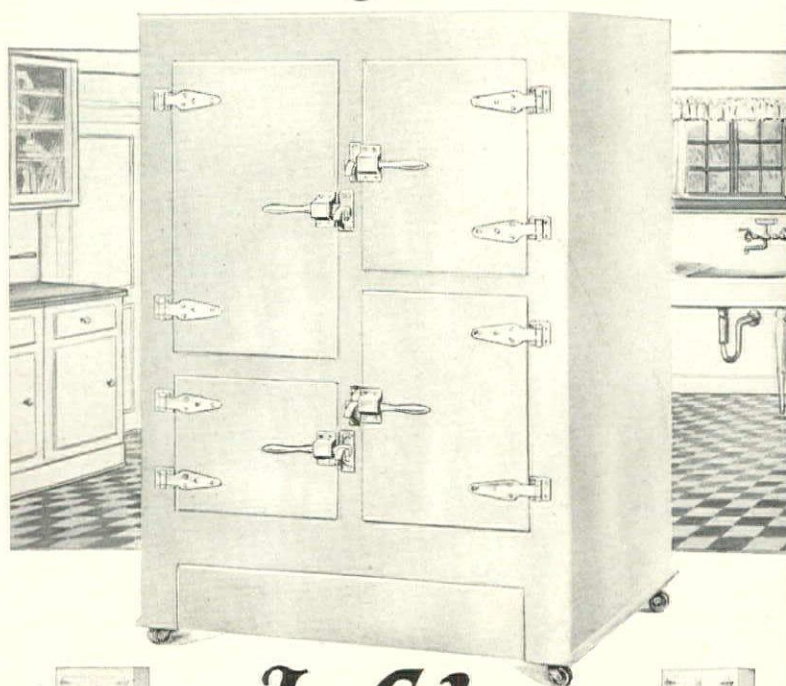
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In Colors
TO MATCH THE
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Embodying every feature of advanced refrigerator construction and retaining every quality developed during more than half a century of refrigerator building experience, we offer the White Mountain Stone White De Luxe as the greatest achievement of one of the oldest and largest refrigerator manufacturing companies in the United States.

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Its thick insulating walls are made up of layers of stone, selected pine, corkboard, charcoal sheathing and heavy oak. Hand fitted doors equipped with air tight gaskets and hung with massive heavily nickel plated hinges and catches.

Four bolts at top of ice chamber provide for immediate or future installation of standard electrical refrigerating units. The construction of this refrigerator makes it especially suitable for the economical use of electrical refrigeration.

And this wonderful refrigerator is enameled in colors to match the modern kitchen—White, Blue, Grey, Green or Ivory. Also in natural oak—unfinished if desired for custom colors or finished in special colors to order.

Other models and types at prices to meet every requirement.

Write for descriptive literature and name of local dealer.

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FLOORS are to be seen as well as walked upon. The pattern and the color of the flooring can bring out the best there is in any room.

Goodyear Rubber Tiling, colorful and distinctive, adds beauty to any interior scheme. From the wide range of tones and patterns in which this tiling is supplied, you can choose the floor effect that harmonizes perfectly with your walls and ceilings, furnishings and decorations.

Any room in the house is dignified by a floor that is silent under foot and at

the same time makes for laboratory cleanliness. Such a floor is Goodyear Rubber Tiling.

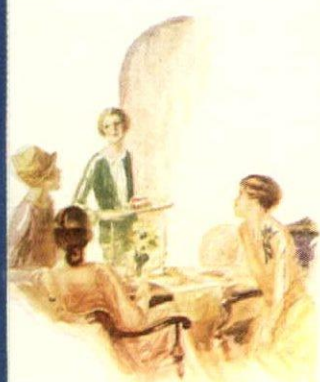
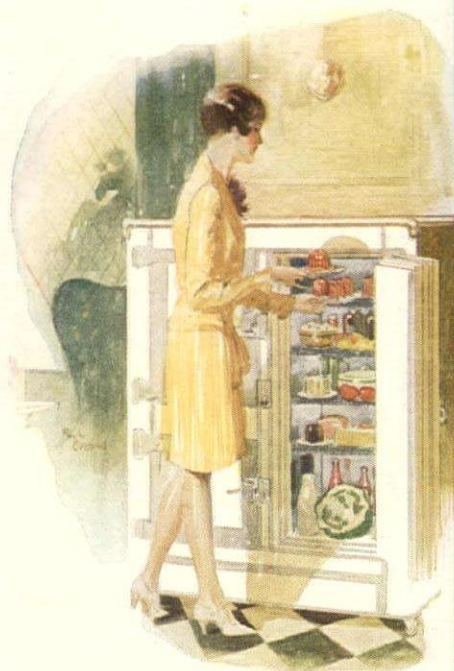
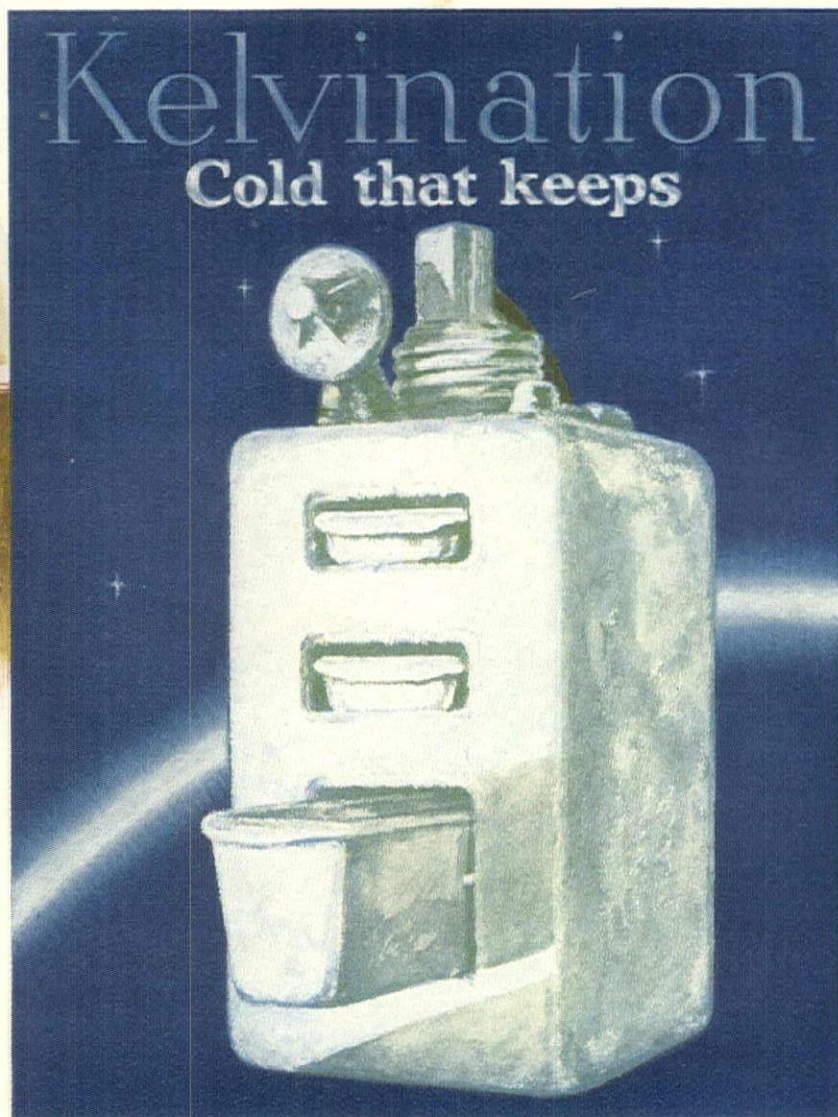
Its permanence and adaptability, as a material for homes, may be judged by its wide usage in clubs, churches, hospitals, universities and places of business. Quality considered, the cost is low.

Color combinations and architectural data are set forth in descriptive booklet which will be gladly sent without cost upon request. Address Goodyear, Akron, Ohio, or Los Angeles, California.

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Cold that keeps ~ and saves and serves



WITH Kelvination in your home you need give no further thought to refrigeration, any more than you do to your lighting. Kelvinator thinks and acts for you . . . silent, unseen, automatic, dependable.

Trust it—wholly—as thousands upon thousands of women are doing today after years of use. Buy your household food supply as and when you please—even the most perishable dainties. Save money with quantity orders. Kelvinator will save the food until you need it. Keep it as fresh, wholesome and tasty as the day you bought it, no matter what the weather or season. And serve you with plenty of ice besides, as fast as wanted.

We can put this Kelvinator freezing unit in any well-insulated refrigerator. Only a few hours and you can "plug in" for "cold that keeps."

For all Kelvinators are made with a brine tank—an indispensable feature for safe, continuous refrigeration. It provides a reservoir of cold that will hold the temperature of your refrigerator to the proper limit for a full twenty-four hours should the electric current be shut off for any reason. Common sense shows how necessary such protection is.

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A Convenient Finance Plan of deferred monthly payments is available through Refrigeration Discount Corporation by which you can enjoy Kelvination immediately. Have your present refrigerator equipped with the freezing unit in a few hours. Get the new Kelvinator "Sealtite" or a Cabinet Kelvinator—white, lustrous, beautiful—with cabinet by Leonard, the world's largest manufacturer of refrigerators, all styles and prices. Or one of those de luxe solid porcelain Jewett refrigerators—the world's finest—with Kelvinator installed.

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devoted to supplying satisfactory, dependable refrigeration of highest standard—the only refrigeration you can afford to use. And yet Kelvinator's new unexpectedly low prices bring it within reach of every home. And also by the very perfection of its design and care in manufacture, it costs surprisingly little to operate.

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Kelvinator

Oldest Domestic Electric Refrigeration

© K. C. 1927





This attractive alcove in the home of Mr. Verne W. Tucker, head of a well known Detroit Art Studio, shows to particular advantage the beautiful checkered effects of sunlight through the leaded panes of casement windows—a feature appreciated and desired by people of artistic temperament.

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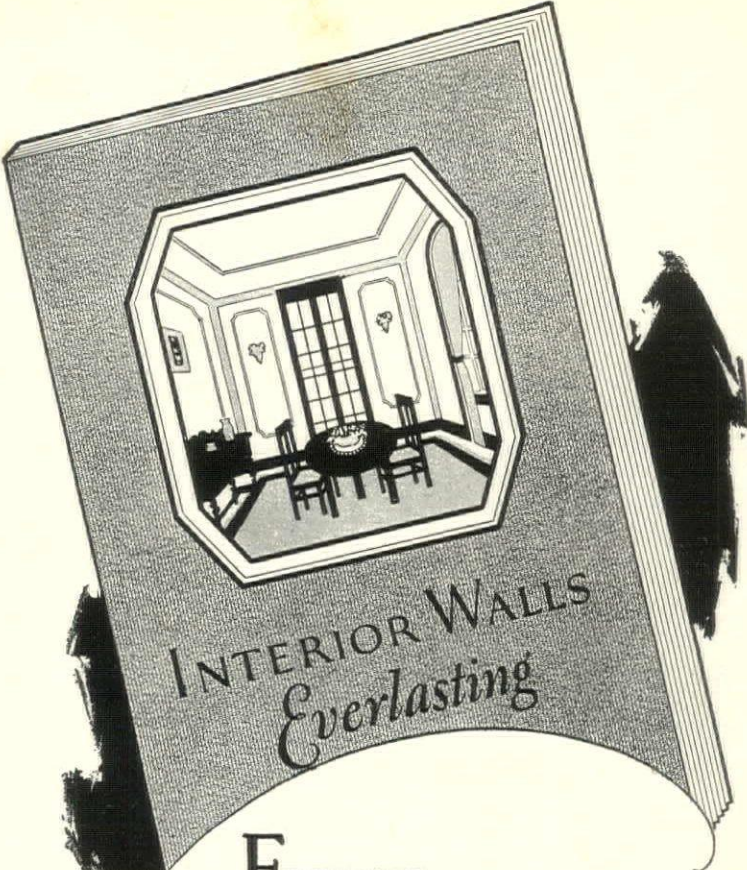
Their slim graceful outlines and leaded panes of glass, their rare charm of the antique, can be yours, for your new home, at a very moderate cost. Both inward and outward types are available at the same price, and are guaranteed weather tight without weather-stripping.

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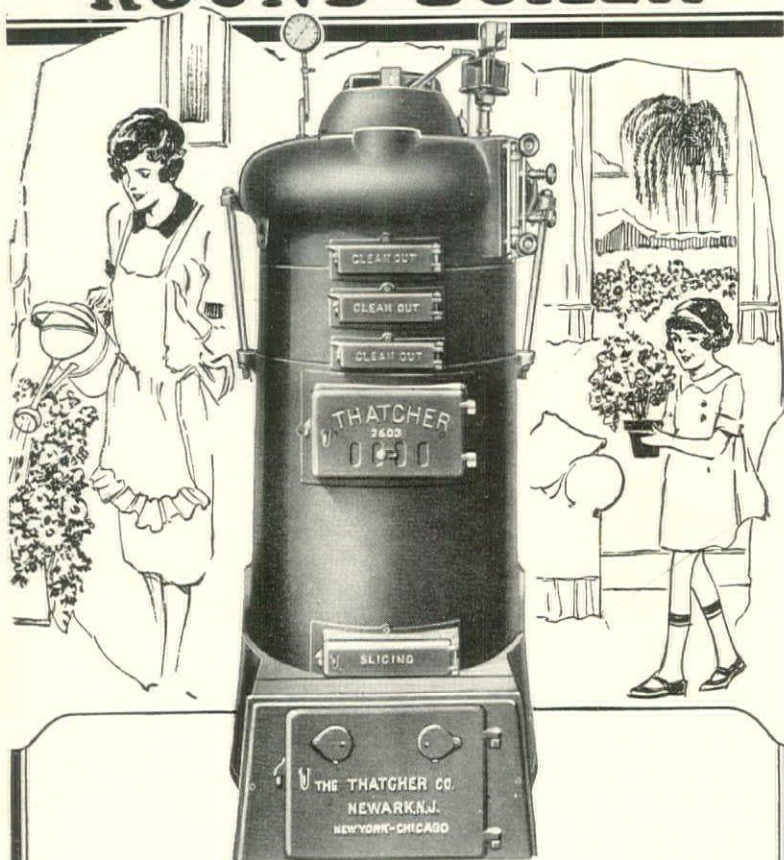
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THATCHER

BOILERS-FURNACES-RANGES



Willing and lovely, *Omphalodes verna alba* spreads into wide patches in shaded places where the soil is damp. Besides this white, there is also a blue-flowered form

ROCK GARDENS IN THE SHADE

(Continued from page 142)

degrees of shade; some plants are happy in the gloom beneath evergreen trees, but others among the shade-lovers enjoy the light of the sun for a few hours a day. It is well to endeavor to provide for the needs of all. Where trees stand too thickly they may be thinned out until there is a clearing in which to build, and low overhanging branches should be cut off in order that air and light may penetrate freely.

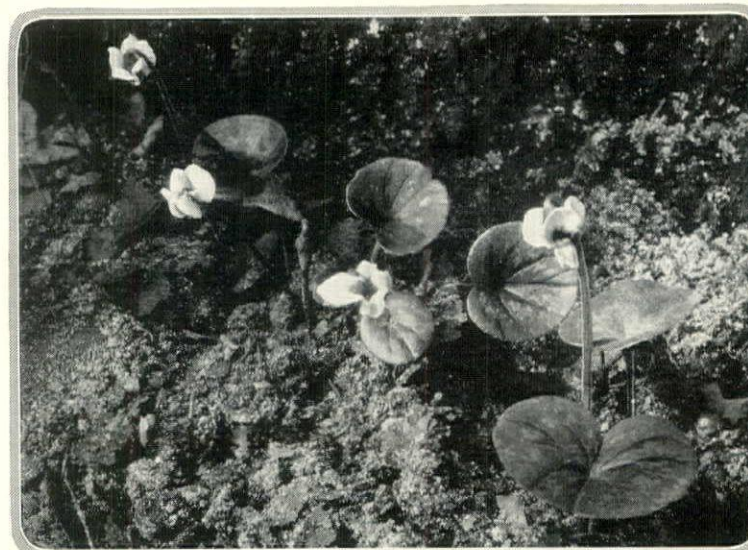
The rock garden shaded by trees will undoubtedly have to be watered frequently in dry weather, for trees are thirsty folk and absorb all available moisture; they are hungry, too, and unless their fallen leaves be allowed to lie upon the ground and rot, thus keeping up a supply of nourishing food in the form of leaf-mold, artificial feeding will have to be resorted to. In the case of plants that like a sweet, wholesome soil a mixture of loam, leafmold and a little sand will do; the acid soil plants—and there are many for the shaded rock garden—will need to be fed with a mixture of rotted Oak leaves,

bits of rotted wood and bark and Pin or Hemlock needles. The plants with a taste for acid soil should be assigned certain regions to themselves some in fairly dense shade and other out in the light. Old Chestnut stump or rotted logs well placed add much to the picturesque appearance of their quarters besides helping materially to keep up the acidity in the soil.

Paths may be mere woodland trails with Ferns and Violets and other low verdure crowding their verges or stepping stones may be used with such little green creepers as *Arenaria balearica*, *A. caespitosa* and *Mentha requienii* outlining the joints. Steps should be rugged and appear as much a part of the construction as possible. In their crevices many small things may be grown.

A wide and beautiful use of bulbs constitutes one of the greatest opportunities of the shady garden. Tulips and most of the *Crocus* species will want sunshine for at least half the day, but the great majority of others thrive exceedingly. Daffodils

(Continued on page 148)



The hardy *Cyclamen* is one of the choice plants that may be cherished in the shade. It likes a light, loose woods soil and a situation that is somewhat raised and well drained



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When you enclose your property with Cyclone Fence you satisfy some of the most fundamental of human instincts—the pride of possession, the desire for privacy and freedom within one's personal domain, the yearning for greater beauty in home surroundings, the passion for economical upkeep which characterizes even the most wealthy estate owners.

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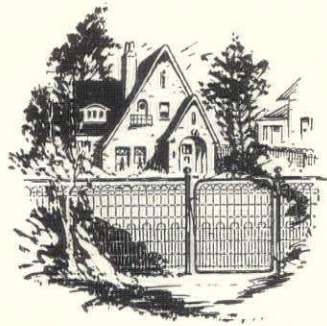
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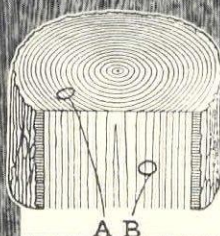
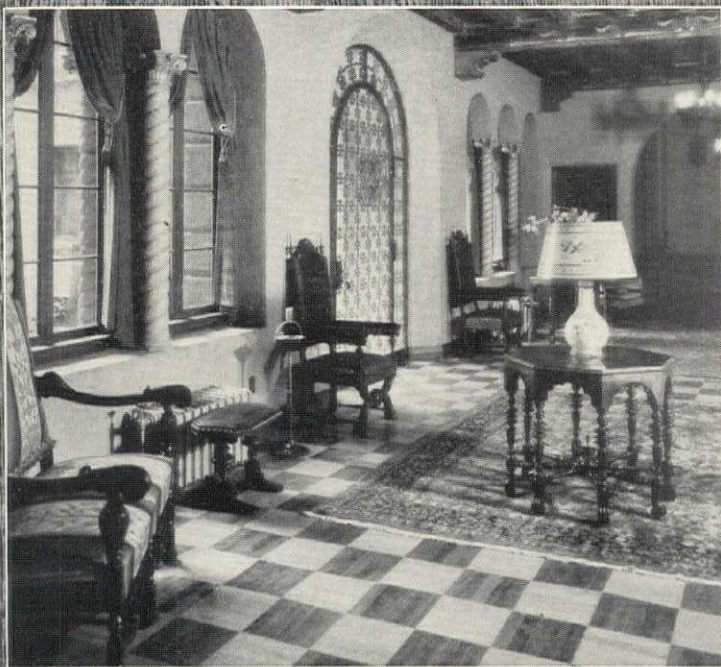
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Above is an example of Ritter oak and walnut flooring block pattern, in Los Angeles apartment.

Slow growth, dependent on ideal climate, soil and drainage in the Appalachian Highlands, causes narrow annular growth rings (A), which, in turn, produce close grain (B), resulting in a fine-grained floor illustrated in the border of this advertisement.

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The same qualities in Ritter Oak Flooring which insure elegance in floors also make Ritter Oak Lumber superior for interior trim.



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W. M. RITTER LUMBER COMPANY
Appalachian Lumbermen since 1890
General Offices: Dept. H, Columbus, Ohio



for finest flooring results

ROCK GARDENS IN THE SHADE

(Continued from page 146)

flourish and are most exquisite in the half light; Scillas of all sorts will grow and spread in shade even beneath evergreen trees; Snowdrops are much better in shade than in sun; the charming Checkerlily loves a dampish spot in light shade; the Spring and Summer Snowflakes (*Leucojum vernum* and *L. aestivum*) delight in a light soil in partial shade; Grape Hyacinths, Stars of Bethlehem and Erythroniums may all be enjoyed to the fullest extent. And for the rest here is a list of plants suited for the uses outlined in this article. They will delight the heart of any rock gardener. Plant them in little colonies of one kind, not as specimens, where there is to be found space so to do.

FOR ORDINARY SOIL (LOAM, LEAF-MOLD AND SAND)

Actea alba—(Baneberry) Flowers white, white china berries, 18". Half shade.

Aconitum uncinatum—(Climbing Monkshood) Rich soil, shade, moisture. Flowers blue.

Adonis amurensis and *A. vernalis*—Best when grown in light shade. Flowers are yellow.

Ajuga genevensis brockbanki—(Bugle) Sends out no runners. Fine spikes of blue flowers.

Allium—(Onion) *A. moly*, yellow flowers, 8". *A. cernuum*, nodding lavender flowers, 12". *A. stellatum*, rose flowers, 18". *A. cyaneum*, sky-blue flower, 6".

Anchusa myosotidiflora—Light shade, sharp drainage, 18", sky-blue flowers. Showy.

Anemone—*A. blanda*, *A. apennina*, *A. nemorosa*, *A. robinsoniana*, *A. sylvestris* and others. All these are best grown in light shade.

Androsace laggeri—Bright pink, 2". Light shade, open situation. *A. lanuginosa*, *A. sarmentosa*, *A. carnea*, half shade, open situation.

Aquilegia—(Columbine). Many kinds may be grown in light soil in partial shade.

Arenaria—*A. balearica*, tiny green creeper with white flowers. *A. caespitosa*, a little green moss. *A. montana*, trailing plant with large white flowers. Light shade.

Asarum—(Wild Ginger) Plants with handsome leaves. *A. canadense*, *A. hartwegi* (leaves mottled with white). Plant in damp soil which is in deep shade.

Asperula odorata—(Sweet Woodruff) Low-growing with white flowers and fragrant foliage. Open woods.

Cardamine pratensis—(Lady's Smock) Biennial with white or pink flowers. Damp places.

Caltha palustris—(Marsh Marigold). Beautiful golden flowers in the spring. Bog.

Campanula—(Bellflower) *C. divaricata*, *C. rotundifolia*, *C. hosti*, *C. pulloides*, and numerous others. Light shade.

Corydalis—*C. cheilanthesifolia*, *C. nobilis* and *C. lutea*, lovely species with fern-like leaves. *C. aurea* and *C. sempervirens* are native biennials that self-sow. Dry places.

Claytonia virginica—(Spring Beau-

ty) Pink flowers. Open moist woods.

Cyclamen—*C. coum* (tender), *C. europaeum*, *C. Atkinsi*, *C. hederacifolium*, a light, loose wood-soil and a somewhat raised position.

Cypripedium parviflorum—(Yellow Lady'slipper) Under deciduous trees.

Daphne cneorum—Fragrant pink flowers. Half shade.

Dentaria—*D. diphylla*, *D. laciniata*, rich wood soil.

Dianthus—*D. alpinus*, *D. arenarius*, open shade, not under trees.

Dicentra—*D. canadensis* (Squirrel Corn), fragrant pinkish flowers, rich soil under trees. *D. cucullaria* (Dutchman's Breeches), creamy flowers. Same situation. *D. eximia*, a taller plant, half shade.

Digitalis ambigua—(Yellow Perennial Foxglove) Light shade.

Dodecatheon media—(American Shooting Star) Rose-colored flowers, cool, moist situation.

Doronicum—Several species, large yellow Daisy-like flowers. Open situation.

Epimedium—Delightful plants with fine foliage that thrive under trees. Its flowers may be pink, rose, white or yellow.

Erica carnea—Light shade, open position.

Erinus alpinus—Pretty little plant for open situations among stones. Well-drained soil. Pink or white. 4".

Eranthis hyemalis—(Winter Aconite) Very early spring. Yellow, 3". Thrives under trees.

Funkia minor—Small Daylily with fragrant white blossoms.

Geranium—*G. ibericum*, *G. sanguineum*, *G. maculatum* and others. Open places.

Gentiana verna—Partial shade, cool rooting medium. Open.

Haberlia rhodopensis—Flowers, lavender-blue. Vertical fissures between stones, fibrous peat. Deep shade, preferably north aspect.

Helleborus niger—(Christmas Rose). *H. orientalis* (Lenten Rose) Rich soil under trees.

Hepatica triloba—Under trees. *H. acutiloba*, same situation. They like sheltered banks.

Hypoxis hirsuta—(Yellow-eyed Grass) Open woods. Best in very sandy soil, 6".

Incarvillea grandiflora—Deep loamy soil with leafmold, partial shade. 10". Rose-purple flowers.

Ionopsidium acaule—(Violet Cress) Little annual that will self-sow freely in shaded places. Violet flowers.

Iris cristata—(Crested Iris) Open woods, dampish places. Blue. 5".

Iris gracilipes—Partial shade, well drained soil.

Iris lacustris—Partial shade, dampish soil.

Iris prismatica—Open woods, dampish places, 2".

Jeffersonia diphylla—(Twinleaf) Lovely little plant with white starry blossoms. Plant in damp shade, sandy leaf-soil.

Linaria alpina—Brilliant little annual. Open places. Seed.

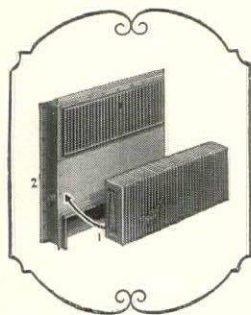
Linaria cymbalaria—(Kenilworth Ivy) Small creeper with white or violet blossoms. Open shade.

(Continued on page 150)



Living Room in the W. E. Hyde Residence, Memphis, Tennessee

No space wasting radiators here...



Radiator (1) comes installed in a steel case (2) more substantial than the wall itself. The complete unit is ready to install in any 4" wall or partition.

NOTE that the Herman Nelson Invisible Radiator is furnished in two heights, type "A" for under windows and type "B" where high outlets are desired.

for in the modern home, exposed radiation is obsolete. Nothing must interfere with refinement of interior arrangement and decorations.

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To protect your investment, make certain that the Herman Nelson Radiator is included in the specification for every new home or modern building. Send for illustrated brochure showing ideal installations in every room in the house.

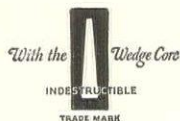
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Yet in thousands of homes, the warm, moist air of June will be present. During the entire Winter these families will enjoy this same moist, healthful atmosphere, for their homes are heated with WARM AIR.

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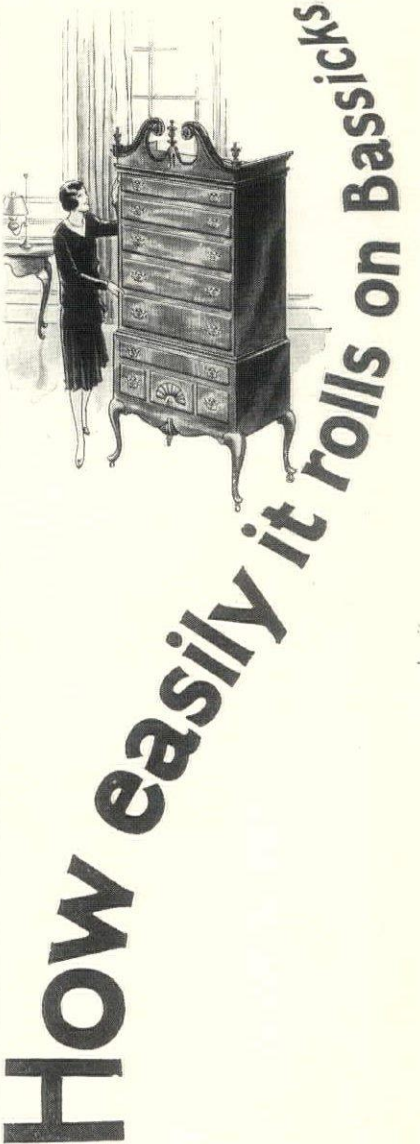
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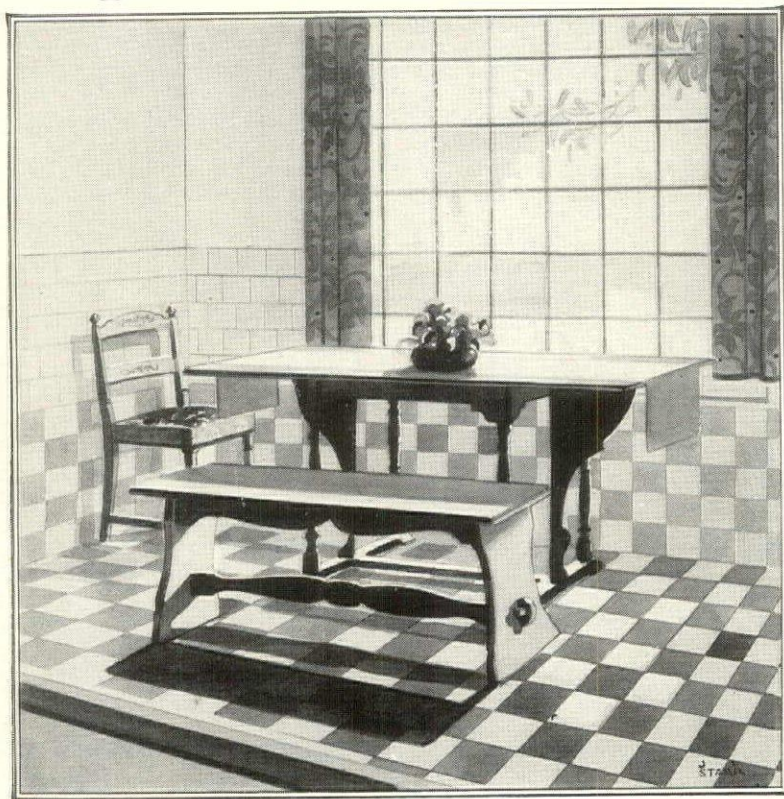
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Descending upon the hardware dealer they would demand "Casters that start quickly—that roll and turn easily—quietly—smoothly—without strain upon furniture—without hardship to floors." And the hardware man, being wise, would respond, "Of course you mean Bassicks."

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For thirty-one years leading makers of Better Casters for home, office, hospital, hotel, warehouse and factory

Capture the Sunshine



ROCK GARDENS IN THE SHADE

(Continued from page 148)

Lilium—Many species are suited for open places in the shaded rock garden.

Lithospermum prostratum—Brilliant blue flowers, trailing habit. Half shade, airy warm aspect, soil of peat and loam. Dislikes lime.

Lobelia cardinalis—(Cardinal Flower) Damp places, 18", scarlet flowers.

Lysimachia nummularia—(Moneywort) Long trailing branches close to the ground, yellow flowers. Suited for covering waste places. Lovely but to be watched.

Mentha requienii—Tiny creeping plant for damp places. Strongly mint-scented.

Mertensia virginica—(Virginia Bluebells) Beautiful plant for damp positions. 18".

Mitella diphylla—(Bishopscap) Partial shade; spikes of white fringed flowers. 6"—10".

Mazus pumilio—(*Mazus rugosus*) Small-leaved creeper with purple flowers. Suited for creeping about in dry places. Excellent for growing between the joints of stones.

Myosotis—(Forget-me-not) All kinds of Forget-me-nots will grow in shade.

Nierembergia rivularis—(Cupflower) Open situation in gritty soil.

Omphalodes verna—(Blue-eyed Mary) This and the white form grow well in damp soil and half shade.

Papaver—(Poppy) *Papaver nudicaule* and *P. rufifragum* will grow well in shade not overhung by trees. High position, well-drained soil.

Phlox—*P. amoena*, *P. divaricata*, *P. subulata*, *P. ovata*, *P. stolonifera*. Light soil.

Polemonium reptans—(Creeping Polemonium) Not too dense shade.

Podophyllum peltatum—(May-apple) Rich woods.

Polygonatum commutatum (*giganteum*)—(Great Solomonseal) Handsome in clumps in dry shade.

Primula—*P. acaulis*, *P. elatior*, *P. veris*, *P. japonica*, *P. pulcherrima*, *P. frondosa*, *P. luteola* and many other species. They all are great lovers of lime.

Pulmonaria angustifolia—(Lungwort) Brilliant blue flowers in early spring. Warm exposure. Good soil. There is a pink flowered form and a white one, also the old Jerusalem Cowslip or Spotted Dog, *P. saccharata*.

Ramondia pyrenaica—Beautiful plant forming handsome green rosette with violet flowers with yellow eye borne on stem 4" high. Vertical position between stones, light, damp, peaty soil.

Romanzoffia sitchensis—Light, gritty soil, in light shade. 4" high. May is its month.

Sanguinaria canadensis—(Bloodroot) Almost any position where the shade is not too dense.

Saxifraga—*S. umbrosa* (London-pride) Will grow under trees. The mossy species will all grow in partial shade. *S. fortunei*, partial shade, gritty soil. *S. granulata*, *S. ceratophylla*, *S. rotundifolia* all like good gritty soil in light open shade.

Sedum—(Stonecrop) *S. acre*, *S. anglicum*, *S. Nevi*, *S. pulchellum*, *S.*

telephioides, *S. ternatum* and others.

Silene virginica—(Fire Pink) Brilliant scarlet flowers. Poor soil, light shade.

Smilacina racemosa—(False Solomonseal) Tall plant with creamy, plume-like flowers.

Spigelia marylandica—(Pinkroot) Deep, moist sandy peat.

Symphyandra hoffmani—Biennial growing 18" tall with drooping white bells. Not too dense shade. Self-sows.

Synthlipsis—*S. reniformis*, *S. rotundifolia*, lovely spring-flowering plants with blue flowers. Grow in light shade.

Soldanella alpina—Likes moisture in summer but dry feet in winter. Soil of peat, leafmold and a little sand. Partial shade but not beneath trees.

Synedra thalictroides—(Rue Anemone) Anywhere in shade. 3".

Tiarella cordifolia—(Foamflower) Heads of starry white flowers, creeping habit, 6". Divide occasionally. *T. unifoliata* sends out no runners, taller and very handsome. Good woods soil.

Trientalis borealis—(Starflower) Pretty little plant for cool, mossy situations.

Trillium—*T. grandiflorum*, *T. erectum*, *T. sessile*, *T. nivale*. All these grow best under rich, moist woodland conditions.

Utricularia—(Bellwort) *U. grandiflora* and *U. perfoliata*, yellow and cream respectively. Rich woodland soil.

Vinca minor—Both the blue and the white varieties are lovely in waste places under trees.

Viola—(Violet) *V. biflora*, *cornuta*, *blanda*, *lanceolata*, *V. striata*, *V. primulaefolia* and many more.

FOR ACID SOIL (ROTTED OAK LEAVES, PINE OR HEMLOCK NEEDLES, BITS OF ROTTED WOOD OR BARK, WHITE SAND)

Anemone quinquefolia—(Native Windflower) Not very dense shade.

Andromeda polifolia—(Bog-rosemary) A little shrub liking an acid bog in not very dense shade. Lovely.

Azalea—Numerous species and varieties.

Chamaedaphne calyculata—(Leatherleaf) Shrub growing 2' tall with white blossoms along the stem in spring.

Chimaphila—*C. umbellata* (Pipsissewa) Dry places under evergreens, flowers white or pinkish. *C. maculata*, (Spotted Wintergreen) dry woods.

Clintonia—(Bluebead) *C. borealis*, very acid soil under evergreens. *C. umbellulata* (Speckled Clintonia), shade and rich woods soil.

Coptis trifolia—(Goldthread) Pretty little plant for damp acid soil and shade.

Cornus canadensis—(Bunchberry) Delightful little Dogwood that thrives in cool damp places under trees.

Cypripedium—*C. acaule* (Pink Ladyslipper) very acid soil under Pine or Hemlock trees. *C. montanum*, fine hardy California species with white flowers, slightly acid soil. *C. hirsutum* (Showy Ladyslipper), swamps and wet mossy woods.

Dalibarda repens—Lovely low- (Continued on page 154)

THE SUN PORCH

that is tiled with KRAFTILE

softly glows with captured sunshine. The delicately gay colorings harmonize with the beauty of the world outside, and make your sun porch the most pleasant and restful part of the house.

KRAFTILE represents an important advance in faience tile burning, for it has a high-fired body and enamel, and is therefore proof against cracking, crazing, wear and extremes of heat and cold.

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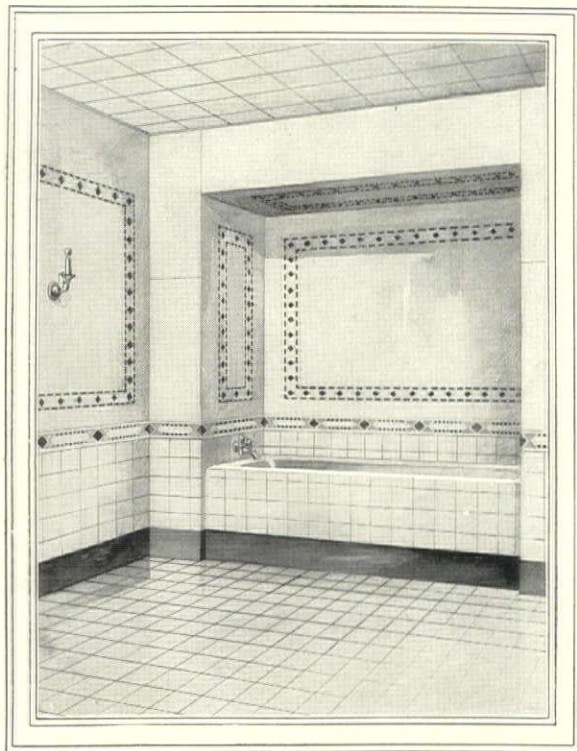
By reducing overhead for maker and dealer, Peck & Hills service enables you to choose from the finest furniture and floor coverings and save money. A Signed Card of Introduction from your local dealer admits you, or he will show you our catalog. If he cannot serve you, write us for names of dealers near you who can. Address nearest house, Peck & Hills Furniture Company, Boston, New York, Philadelphia, Chicago, Denver, Los Angeles, San Francisco, Oakland, Portland, Seattle.

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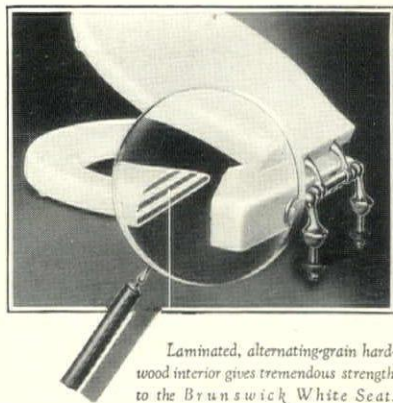


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HERE is a new kind of white seat. A seat with a china-like surface of superlative beauty. A seat with an interior of *layers* of alternating grain hardwood—thus providing durability second to none!

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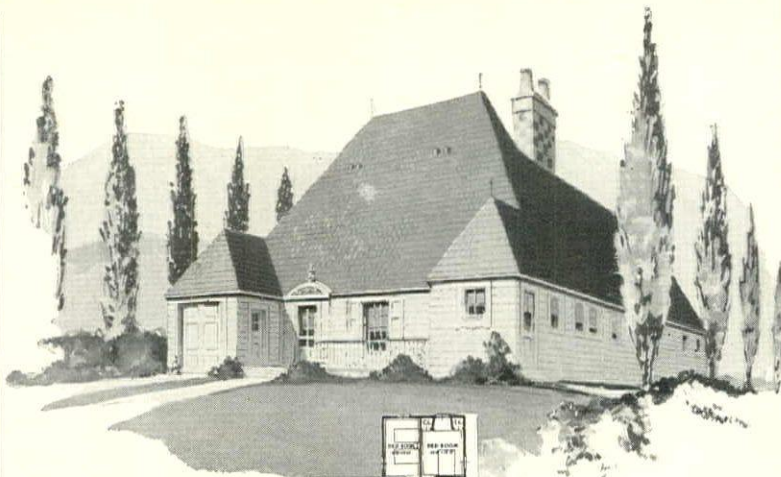
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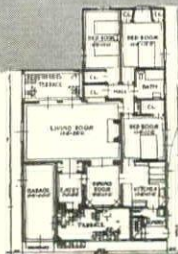
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It is easy to work, stays put. It is hard to ignite and slow to burn. And no wood is more beautiful for interior finish and panelled rooms than Redwood wide, clear lumber.

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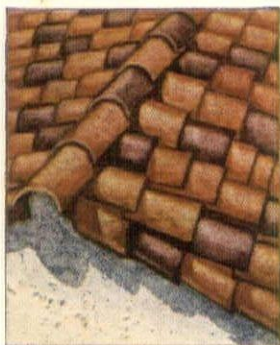
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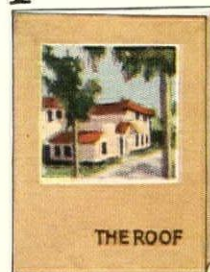
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Simply plug this modern time-keeper into an outlet and set it correct. Then—almost magically—you receive Observatory Time. No more winding or regulating. No oiling or cleaning.

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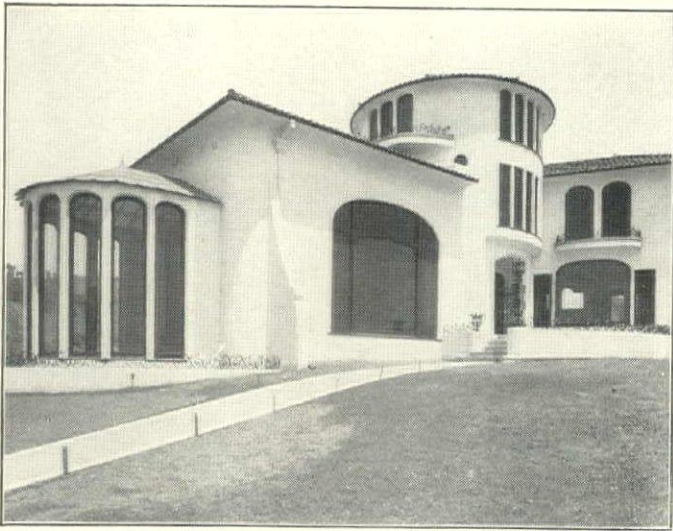
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Please send me your free illustrated booklet containing the complete story of the Telechron Electric Timekeeper for the home.

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In a \$250,000 House What Floors Would You Expect?

When a man can afford to build for himself a quarter of a million dollar home, he can afford the best type of floor available.

David Haney, a prominent realtor of Beverly Hills, California, knows values. He called in the leading local lumber dealer and had them design and install the most perfect oak floor ever laid.

Naturally they used "Perfection" Brand Oak Flooring. For many years they have specialized on this brand of oak flooring, having found it best suited to the type of clientele they serve.

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'PERFECTION'
Brand Oak Flooring

Health is priceless - and you guard it all day--but at night?



Healthful, restful sleep depends not alone on how you sleep, but on what you sleep.

Therefore, know the mattress you buy.

Nearly all mattresses are comfortable at least for a time—but real rest—construction that makes for longevity, is to be found only when brand new virgin materials are accompanied by painstaking, custom workmanship, in the mattress you buy.

Many mattresses on the market today are made from re-worked materials—with no thought given to the origin of their contents. Do not be deceived by attractive ticking!

There is one way to be sure of the mattress you buy. Go to the dealer who displays the King-Fisher line. Only the very finest, brand new virgin materials are used. King-Fisher was one of the first to sponsor stricter bedding laws.

If your dealer doesn't carry the King-Fisher line, write us direct. Mail the coupon for a very interesting little story called "Mattress Truths".

Dealers—Write for further information.

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Please send me a copy of "Mattress Truths". I usually buy from

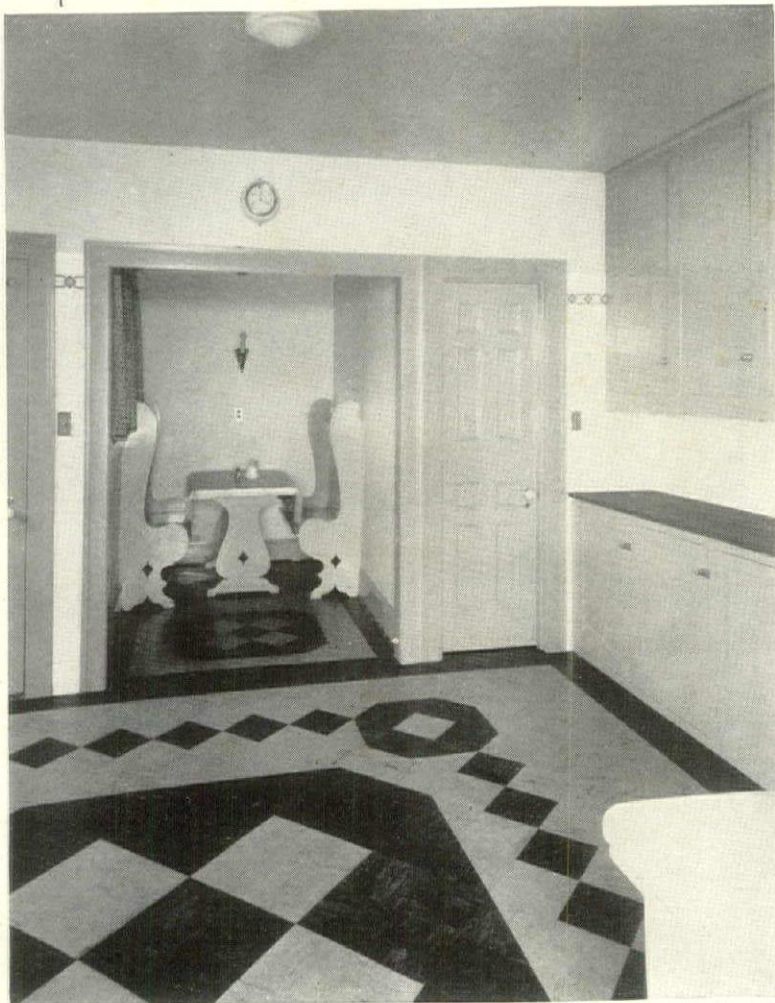
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The Reinforced Rubber Tile Floor



THIS is a kitchen you'd love to live in . . . with some color, not laboratory white throughout. A floor to walk on all day long and not get tired. A floor that won't get dingy or show paths across it, even after years of use. And a floor which needs no fussing over to keep clean.

Much of the charm of this kitchen is due to the floor. Stedman tile . . . rich, black tile relieved by veinings of gold, alternating with lighter tiles with a mottling of Tennessee pink and a border that harmonizes and groups the whole color scheme.

Stedman floors are designed, made and installed by Stedman. Responsibility is never divided. May we not send you word on how to solve your floor problems in your new home, or to aid you in modernizing your present home? Write Stedman Products Company, "Originators of Reinforced Rubber Flooring", at South Braintree, Massachusetts, Branches and Agencies in principal cities. In Canada, manufactured and sold by the Gutta Percha & Rubber, Ltd., Toronto.

J. H. Stedman
NATURIZED FLOORING
PATENTED

Stedman Tile

OF REINFORCED RUBBER

ROCK GARDENS IN THE SHAD

(Continued from page 150)

growing, creeping plant for fairly deep shade. Flowers white in June.

Delphinium nudicaule—(Scarlet Larkspur) Dry places in open situation. Dies down after flowering.

Empetrum nigrum—(Crowberry) Little low native shrub.

Epigaea repens—(Trailing Arbutus) Very acid soil in shade or half sun.

Epipactis pubescens—(Downy Rattlesnake Plantain) Handsome leaves in a flat rosette.

Gaultheria procumbens—(Wintergreen) Under evergreens in dry woods.

Gaylussacia brachycera—(Box Huckleberry) Little shrub from wooded hillsides.

Galax aphylla—Beautiful leaves and wands of white flowers. Very acid soil.

Habenaria ciliaris—(Yellow Fringe-orchid) Wet places in not too dense shade. *H. blephariglottis* (White Fringe-orchid) boggy places, only light shade.

Helonius bullata—(Swamp Pink) For boggy places.

Houstonia coerulea—(Quaker-lady, Bluet) Lovely for little slopes in half shade. *H. serpillifolia* makes mats of tiny leaves. Very pretty.

Iris aterna—Brilliant little Iris for half shade or sun.

Leiophyllum—(Sand Myrtle) Dainty white-flowered shrubs for dry sandy places. *L. buxifolium* is taller than *L. prostratum*.

Lilium philadelphicum—(Orange-cup or Wood Lily) Dry shade under deciduous trees.

Linnaea borealis americana—(American Twinflower) Exquisite little creeping plant with pink flowers. Moist, mossy places.

Kalmia—(Laurel) *K. angustifolia* (Lambkill) Moist places. *K. microphylla*, from high bogs of the Rocky Mountains. *K. polifolia* (Bog Kalmia).

Maianthemum canadense—Shade of deciduous trees, dry or moist situations.

Michella repens—(Partridgeberry) Tiny creeper with pink flowers followed by scarlet berries. Dry or moist woods.

Oxalis acetosella—(Woodsorrel) Deep woods.

Polygala paucifolia—(Fringed P.) A charming little plant with pink blossoms for growing in light soil in shaded places.

Potentilla tridentata—(Wineleaf Cinquefoil) Exposed, rocky or gravelly places. Very acid soil. Only a few inches tall.

Pyrola—*P. elliptica* (Shinleaf) Dry shade. *P. americana*, dry, sandy places in shade.

Shortia galacifolia—(Oconee-bells) Beautiful plant with shining leaves and white fringed blossoms. Very acid soil under evergreens.

Silene pennsylvanica—(Peat Pink) Brilliant-flowered little plant for dry rocky places in light shade.

Trillium—*T. undulatum*, very acid soil.

Viola pedata—(Bird's-foot Violet) Sandy acid soil in light shade.

Vaccinium vitis-idaea—(Cowberry)

Little creeping shrub, 6" to 10" tall. Pink flowers. Dry places.

LOWGROWING FERNS FOR SHADED ROCK GARDEN

Adiantum pedatum—(Maiden Fern) 12"—18". Moist situation under deciduous trees other than Oaks.

Aspidium aculeatum braunianum—(Braun's Holly Fern) 12"—18". Moist, rich soil among rocks. From yellow-green.

Aspidium cristatum—(Crested Fern) 12". Moist places.

Aspidium spinulosum—(Spinulose Wood Fern) 12"—18". Rocky banks in rich soil.

Asplenium ebenum—(Ebony Splenwort) 6"—12", very slender. In rock places and a leafmoldy soil. Evergreen.

Asplenium trichomanes—(Maiden Hair Splenwort) 3"—6". A delicate and distinctive little Fern forming a tuft of bright evergreen fronds. Shady situation in rocky clefts.

Camptosorus rhizophyllus—(Walking Leaf) Prostrate, evergreen. Deep shade in moist, rich loam.

Cheilanthes vestita—(Hairy Lizard Tail Fern) 6"—8". Evergreen. The delicate fronds are soft gray-green. Acid soil among rocks.

Cryptogramma acrostichoides—(Rock Brake) 6"—8". A small evergreen fern from the Pacific coast. Forms nice little tufts in rocky places in slightly acid soil.

Cystopteris bulbifera—(Bulbiferous Bladder Fern) 6"—12". Deep shade in moist leafmold soil.

Cystopteris fragilis—(The Fragile Bladder Fern) 6"—8". Lovely bright green little Fern with delicately veined fronds. Thrives in any shady, well-drained soil.

Lygodium palmatum—(The Climbing Fern) One of the rarest of ferns. Give a moist hollow in very acid soil.

Osmunda regalis—(The Royal Fern) Perhaps the most beautiful of all ferns. Moist shade.

Pellaea densa—(Oregon Cliff Brake) 4"—8". Delightful little Fern of the western mountains. Raised situation in leafsoil and shade.

Pellaea atropurpurea—(Cliff Brake) 4"—12". Thick evergreen leaves purplish grey-green in color. Wooded soil among rocks.

Phedopteris polypodioides—(Long-stemmed Beech Fern) 6"—8". Spreads quickly in damp shaded places among rocks.

Phedopteris dryopteris—(The Common Fern) 6"—8". Lovely little Fern in moist rocky places in shade.

Polypodium falcatum—(Kellogg's Polypody) 6"—12". Small Fern from the Northwest growing well in leafsoil among rocks.

Polypodium vulgare—(Common Polypody) 4"—8". Evergreen Fern for dry shaded places, often growing on rocks or old stumps or logs.

Woodsia ilvensis—(Rusty Woodsia) 4"—8". Quaint little Fern growing in exposed places on cliffs or hilltops. Acid soil.

Woodsia obtusa—(Obtuse Woodsia) 6"—12". Shaded places among stones.

Confession De Luxe



SECRETA: You are a jolly good mixer.

REPLETA: Naturally. I use Martini & Rossi non alcoholic Vermouth.

AS Encore said to Bravo: "I do the same thing you do but with greater nicety". Martini & Rossi non alcoholic Vermouth is the choice of the sophisticated palate. It is chosen for the same reason that the finest of all things are selected. Many who mix Martini & Rossi are regarded as experts in the art of the apéritif—yet *this* is the simple secret. They use as they choose—the dry Italian or the Extra Dry. The first is snappy. The second a whisper more so.

NEW EDITION

"Confessions of a
Good Mixer"



How to use that dainty dryness before dinner. How to enjoy that stomachic zest after dinner. How one can be a "host". Appetizing suggestions. Send for the new edition—even if you have had previous ones.

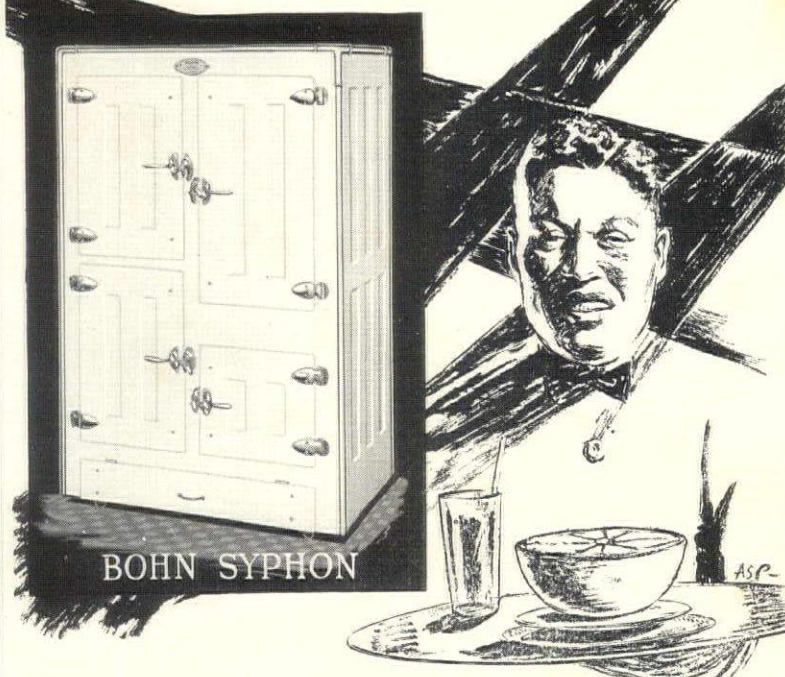
Confusingly enough, anything but our "non alcoholic" is *not* genuine. These words, on the famous Martini & Rossi label, are your protection.

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VERMOUTH

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Stores Everywhere

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cold!
yessuh

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The BOHN Syphon Refrigerator, in its perfection of principle and design, adapts itself both practically and scientifically to mechanical refrigeration as well as ice.

THERE is a real taste to the food served on a dining car. It results from proper refrigeration.

BOHN Syphon Refrigerators are used on the dining cars of practically every American railroad and by the Pullman Company on their cafe and buffet cars.

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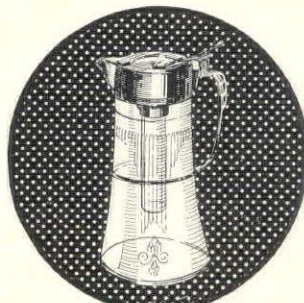
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The jug with the new idea. Down the center is a glass cylinder to hold the cracked ice. The beverage is chilled yet protected from possible impurities in the ice. Five pint size, in cut glass with nickel cover and handle. Same size in plain optic glass, \$15.00.



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This Rice Ball holds the boiling rice, then drains it so that it comes out dry and flaky.



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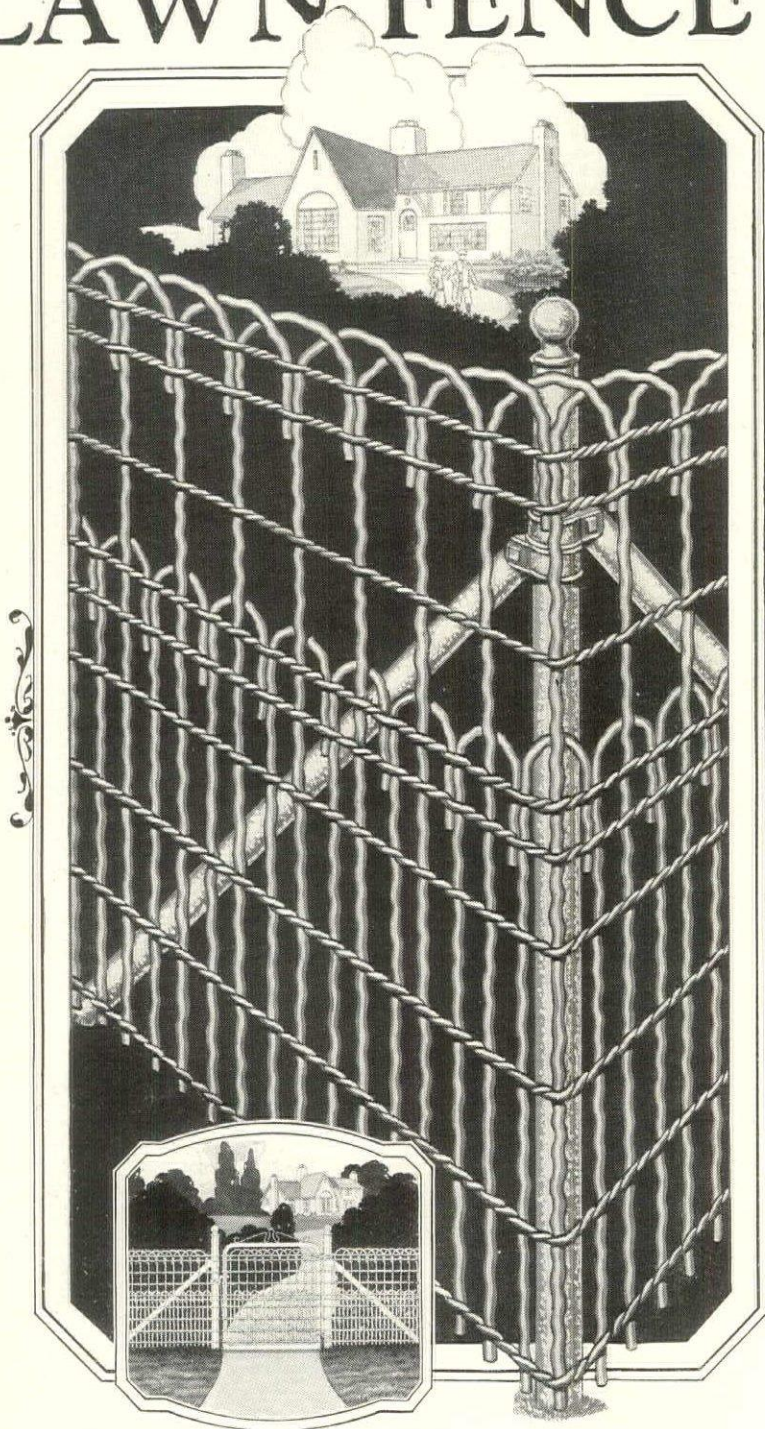
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American Lawn Fence is designed to add to the appearance of your grounds, as well as to protect your property against intrusion. Manufactured of heavy galvanized steel wire, it possesses the utmost in strength and durability.

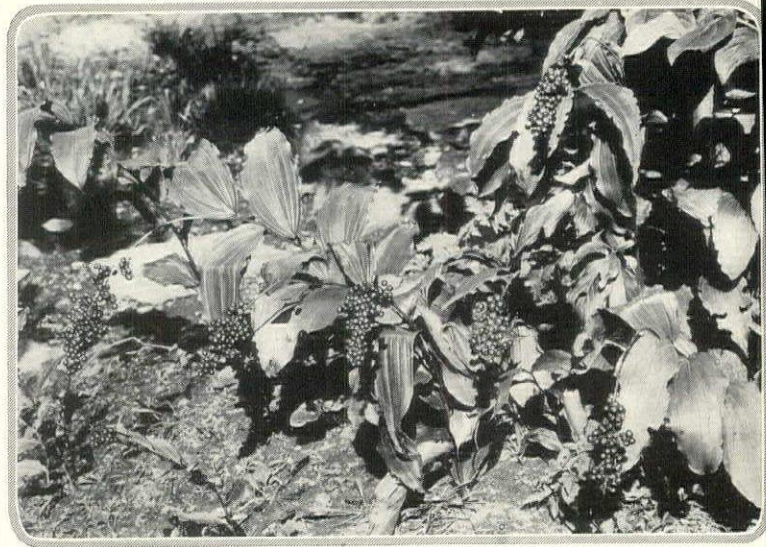
Furnished in two patterns—the Single and Double Loop designs. For those desiring a fence as a protection against intruders, the Double Loop Fence fills the need. The heavy smooth steel pickets present no foothold for the climber.

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After the creamy white flowers of the Solomon's Plume have gone their places are taken by clusters of speckled, translucent berries that ripen a clear ruby red

GATHERING FLOWERS

(Continued from page 73)

matured, 3" or 4" of stems and leaves should be left until they turn brown, when they may be taken off entirely.

As soon as the plants are lifted from the ground they should be wrapped tightly in newspaper. For this use from one-quarter to a full page of a standard sized daily, according to the size of the plant. Lay the paper on a flat surface, place the plant at the lower left corner and roll over once, firmly. Then fold in the lower right corner of the paper in the form of a triangle and complete the rolling. The package may be carried more easily if tied with one strand of string. Lay the wrapped plants on their sides in the basket.

On extended trips by train or motor, particularly if plants have to be shipped or carried long distances, the roots, but not the foliage, should be covered with damp moss before packing in paper. The best moss for this purpose will be found in thin sheets on rocks and rotted logs, along shaded streams and in deep, dark woodlands. Make sure, by squeezing out the surplus water, that it is only damp, never actually wet. When moss is used all the dirt may previously be washed off the roots, and, if both roots and leaves are first wrapped in waxed paper and then in newspaper, three or four together, they will keep in perfect planting condition for from two to three weeks—or even longer if the weather is not too warm and dry.

Before setting plants permanently in the garden, it is well to consider both their needs and their arrangement. First of all, the conditions of their natural haunts should be duplicated as closely as possible. Woodsy plants require woodsy soil; sand dwellers should have sandy soil; shade lovers should go in shady spots. Do not imagine complacently that any of them may grow and thrive anywhere. That is courting disappointment and disaster. It is a good plan to make a rough map of the garden and mark it off into cultural areas. Write in each area the character of its soil and its conditions as regards moisture and exposure. Thus area A may

have stoney, woodsy soil and be shady and damp, while B may have sandy soil and be dry and sunny—and so on. With such a map and a knowledge of the conditions in which the plants were growing in the wild, each one can be assigned to a congenial home in which it will thrive and bloom.

Exquisite effects may be obtained by harmonious and tasteful grouping of plants in the different areas. The illustration at the bottom of page 72 is suggestive of my meaning.

This view of a cozy nook among the rocks was taken in late April and discloses a very bright and cheering springtime display. Left to right, as the papers say under pictures of well known people, are the tiny but tidy Dog Violet, a Wild Blue Phlox, a wild Geranium with half-opened buds, a pink Corydal, a smooth Yellow Violet, a Jack-in-the-Pulpit, a clump of Bishopscap, several Ferns just developing, Saxifrage and Columbine on the rock shelves and Spring Beauties just beginning to bloom in the foreground. The bare spot showing at the left was later carpeted with blue-eyed Quaker Ladies and Yellow Star Grass.

I will assume that you have worked out a number of fascinating combinations for different areas and are ready to set out the new plants. Right here is where I go contrary to the general run of garden books and other accepted authorities. I see that the soil is well loosened with the trowel, dig the holes deep enough and sufficiently wide to hold the roots without cramping them, set the plants with the crowns just at the surface and pack the soil firmly about them. Everybody is supposed to do all this. But I don't drown the newcomers. If the soil in the garden and the roots of the plants are both moist, I use no water at all. Only when the ground gets dry do I resort to water, and even then I prefer to give the area a good soaking the previous day, instead of pouring water into the holes before or upon the surface after planting. Neither do

(Continued on page 158)



Mettowee Stone

for Floors

Porches

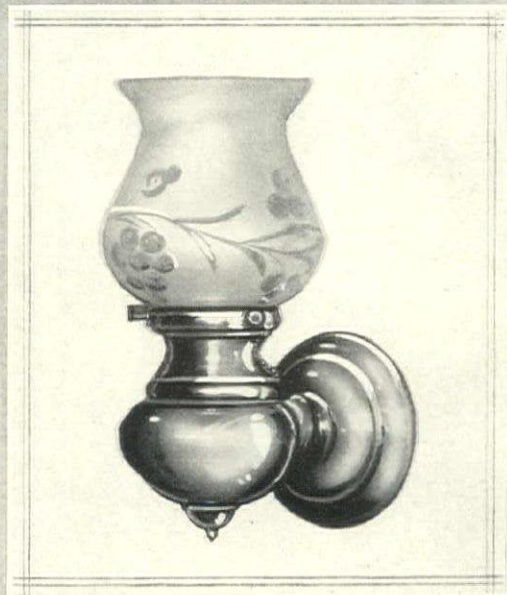
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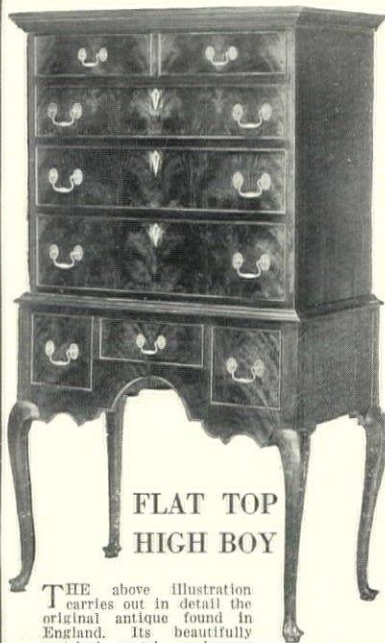


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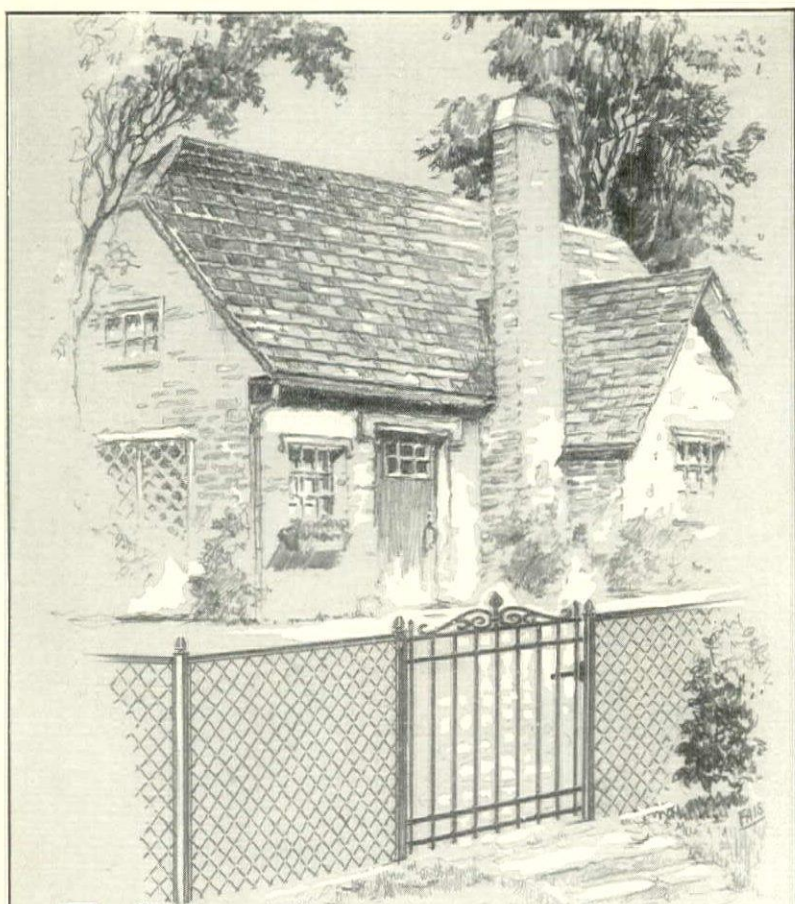
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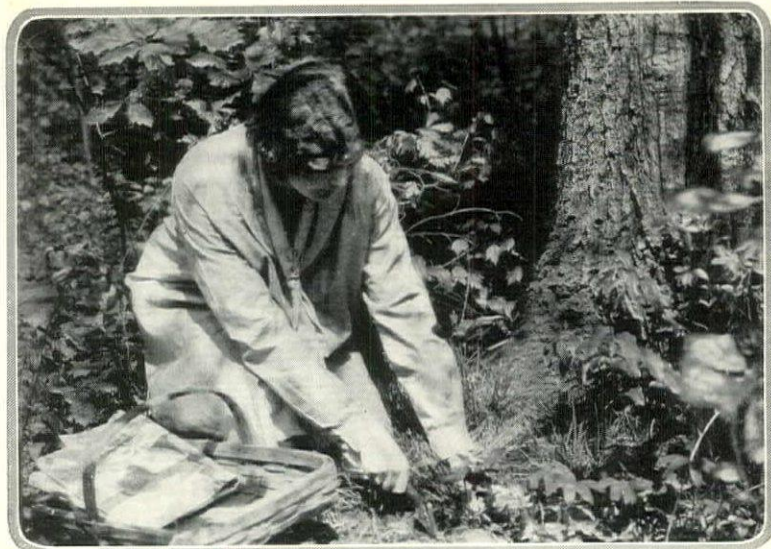
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Fences



Before digging, the surface litter is cleared away and then a trowel is inserted at such an angle that it will get under the roots and enable you to lift out the whole plant

GATHERING FLOWERS

(Continued from page 156)

I shade the plants by covering them with flower pots, tomato cans and other smotherers. If any begin to wilt, I cut a few of the larger leaves in two and there is a quick revival of vigor. And as a finishing touch and safeguard I always mulch the surface of every freshly planted area. The best mulch for wild flowers and ferns is half decayed leaves that crumble to bits when crushed in the hand. This should be applied just thickly enough to shade the surface and prevent rapid evaporation. Lawn clippings will do as a substitute if the decomposed leaves are not available.

Ferns require somewhat different treatment. For transplanting purposes they may be divided into two classes—one composed of kinds with large crowns that protrude above the surface, like the Christmas Fern; the other kinds with slender, running roots that creep $\frac{1}{2}$ " or so beneath the surface, like the Maidenhair. Set plants of the first class so at least half of the crowns are exposed. Lay the roots of those in the second class on loose, woody soil, mostly leaf-

mold, press them in with the palm of the hand, cover with 1" of the mold, firm the surface and mulch. As nearly all Ferns are moisture lovers, they may, with two or three exceptions, be freely watered when planted; and the mulch should be kept moist until they have become well established—say for a month or six weeks.

The rule for planting garden bulbs and tubers is, I believe, to set them at a depth equal to three or four times their diameter. This rule does not apply to wild bulbs and tubers. The bulbs of flowering-sized Troutlilies, for example, are often 18" deep and their diameter is less than $\frac{1}{2}$ ". My rule, which gives excellent results, is to set bulbs and tubers as I find them in the wild. My notebook contains specific information about each kind; so will yours if you keep one and take it with you on your outings.

The after care of transplanted wildflowers and Ferns should consist principally of hands off. It is certain that they do not like cultivation in the usual sense, nor coddling of any

(Continued on page 174)



A plant must be rolled firmly in a sheet of paper as soon as it is dug, to protect the roots from the air. A stout basket will provide a convenient means of carrying the packages

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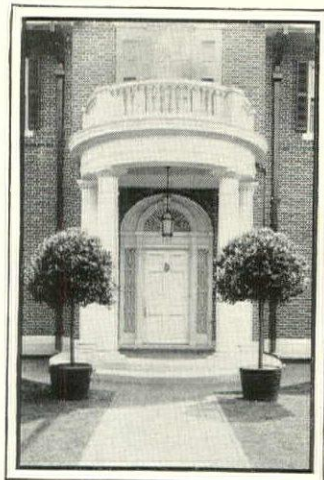
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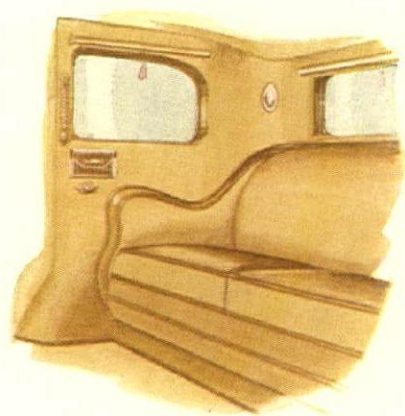
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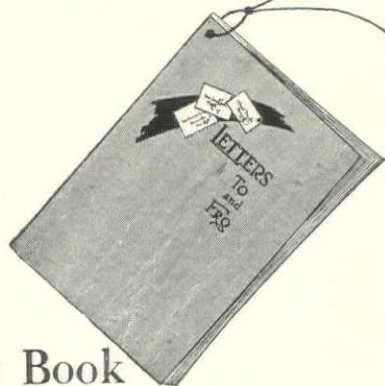
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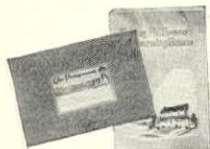


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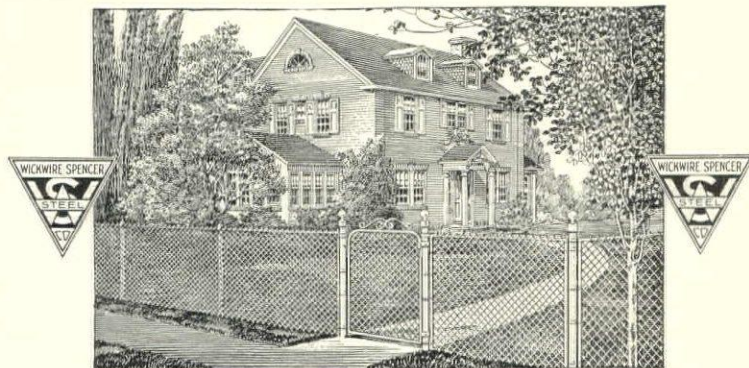
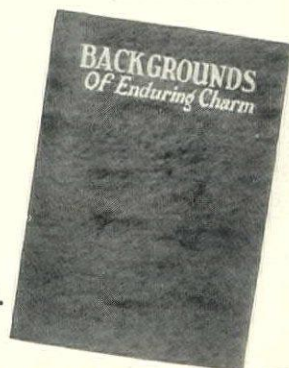
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There is something about the intimate confidence and trust of the wild birds that brings joy to the hearts of everyone. Possibly no other living things are so quick to sense the protection and welcome that properly designed houses and shelters afford.

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Invariably Dodson's Scientifically Designed Houses placed as directed will get the same colony of beautiful Martins, Bluebirds, Flickers or Sweet Singing Wrens yearly. Also Cardinals, Thrushes, Grosbeaks, Mocking Birds and dozens of others will seek your garden if Dodson's Suet Cake in a sheltered feeding station is provided.

Enjoy nature's blessings by helping to preserve the Songbirds.

Dodson Scientifically designed and artistic bird houses are a feature in the most beautiful estates, country clubs and parks all over America.

Why Dodson Houses Win the Birds

For more than 40 years Mr. Dodson has experimented and studied every little detail which, although seemingly insignificant, is vital to the approval of each fastidious species of songster.



Free

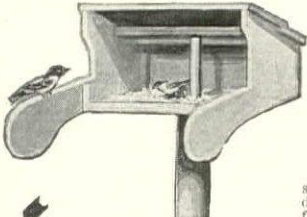
this fascinating book "Your Bird Friends and How to Win Them" sent to anyone who loves our beautiful songbirds. Full of things you should know. Based on a lifetime of close bird life study.



Ask about Dodson's guaranteed sparrow trap

Bird Bath

This handsome stoneware bath is not only an ornament to any garden but is the only one where knowledge of the birds' habits, fears and preferences have been considered in designing a bath that the birds enjoy and use. Complete with 32 in. stand. Price \$26.00; without stand \$14.00.



Flicker House

Is a sure lure for these very useful birds. Trees in cities are so well taken care of that Flickers have difficulty in finding homes. They, therefore, take very readily to Dodson's Scientifically Built Houses. Flickers are one of the most useful birds, destroying moths, tree pests and principally ants on trees and ground. Many letters have been received stating that ants have mysteriously vanished since these birds have found homes. House 26 1/2 in. high by 12 in. in diameter. Only \$7.00.

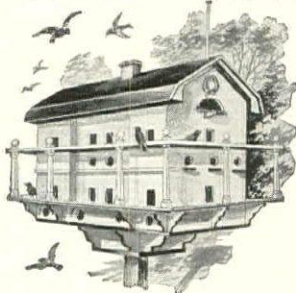
Bluebird House

The happiest and most beloved Songsters, Dodson's Scientific houses satisfy these most exacting birds. Made of oak, finished in white and green. Sizes 21 in. high by 16 in. in diameter with 16 ft. easy raising pole. Price \$14.00

Mr. Dodson, the man the birds love. He feeds and houses them summer and winter. Making friends with a black capped chickadee.

DODSON Scientific Wren House As shown at left

The Silver Throated Wren is one of our sweetest singers. A four-compartment house satisfies their habit of changing nests for each of their three broods. Beautiful design, made of oak, finished in green with cypress shingles, copper coping, comes complete with rust-proof snap-on hanger. Size 28 in. high by 18 in. in diameter. Price \$7.00



Queen Anne Martin House

of 48 rooms. This beautiful house with its specially ventilated garrets, porches and other patented details has proven a sure lure for these most useful and fascinating birds. A large house size 36 x 26 x 37 inches; copper roof, including 22 ft. easy raising and lowering pole only \$60.00. Others as low as \$18.00.



Art Stone-ware Garden Furniture Catalog on request

Automatic Feeding Shelter

stocked with a few simple foods (as described in free book). Lures songsters from the whole neighborhood. Automatically revolves like a weather-vane to protect birds from storms. Ever-lasting redwood, finished in green. Size 24 x 22 x 12 inches including 8 ft. pole \$8.50; with copper roof \$11.00.



Order direct from this ad. Dodson Scientifically Designed Bird Houses can only be bought from:

JOSEPH H. DODSON, Inc.

The Man the Birds Love

246 Harrison Street

Kankakee, Illinois

DIRECTOIRE AND EMPIRE LIGHTS

(Continued from page 132)

although the downward pointing arrow was a favorite device for the wall plate or back plate. In some the feather tip became a formal anthemion, below which might be a rayed mask of the sun, and below this four upward curving trumpets for candle sockets. A flaming torch was also a favorite back plate. But the lyre form, bow knots, and cupids were not abandoned. In Fontainebleau is a finely shaped back plate in the form of a lyre, the top with two outcurving eagles' heads from whose beaks hang crystal festoons. An anthemion crests the piece, and festoons of small crystals drape it at even intervals, with a few delicate long pendent drops to add grace. The entire form is slender and beautiful. The five candle branches are conventionalized urns with somewhat accentuated *bobèches*. A half figure of a winged victory, cupid, or some chimerical creature emerging from acanthus ornament and upholding candle branches, was a characteristic design for the pairs of *appliques* which were as integral a part of the interior decorative schemes as in the preceding periods.

The typical *Empire lustre*—chandelier, was of *bronze doré* and *cristal*, occasionally *cristal de roche*—rock crystal—although elegant examples were made in iron or in bronze alone variously finished and ornamented with characteristic period motifs. The bronze and crystal *lustres* were of several types. The most familiar has a shallow bowl-like bottom formed of strings of small crystals, often *cristaux de Bohême*—Bohemian glass, strung symmetrically—*enfilés*—or alternating with bands of pierced metal-work. In others the corona is hung with festoons draped from the candle branches, giving a lighter effect. One type has three rings or coronas, decreasing in size as they ascend, the

whole structure draped with crystal strings like a cascade, finished with a crystal fringe and ball pendant. Other examples show the ornamental metal framework with less glass. Some are crested by a crown of palm leaves or palmettes, and finished below by a *pomme de pin*—pineapple.

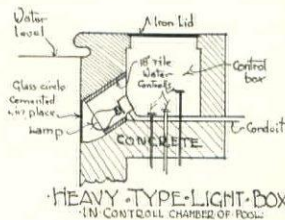
Lanternes of bronze or iron were equally rich and elegant. In *bronze doré* they were essentials for halls, on stairways, and in vestibules, and were also hung from arched openings in great houses or palaces. They were rectangular, many sided, or circular, of Renaissance or Louis XVI type but with the more austere decoration of the Empire period.

The two points of advancement in lighting were an increasing use of the eye-shade and the fixing of candle branches for convenience to many articles of furniture—small dressing glasses, long mirrors, and secretaries, ink stands and writing desks were so outfitted, a practical custom which added to the importance and dignity of the piece. With the short restoration of the French monarchy under Louis XVIII, less sophistication and a lack of fine workmanship marked many of the fixtures. *Lustres* were more sparsely hung with glass, and the pendants often recurred to the earlier flat shapes suspended from small cut stars or daisies. Artists lacked imperial patronage under the Republic and fixtures of the middle and later 19th Century fell into the mediocre, until the 20th Century awakening to the revaluation of the older period styles and the cult of new art forms.

This is the seventh of a series of articles dealing with lighting fixtures in period styles. The first appeared in the December, 1926, House & Garden. In our July issue Early English Lighting Fixtures will be discussed.



V.H. TYPE OF LAMP WITH METAL GUARD



HEAVY TYPE LIGHT BOX IN CONTROL CHAMBER OF POOL

LIGHTING THE GARDEN

(Continued from page 81)

general areas softly and leave the dull and commonplace to darkness and black shadows. In lighting special features a chance is found for the exercising of unlimited trickery and playfulness, which after all satisfies the youthful spirit of the normal mind. The opportunity is here present to create surprises. In working out garden lighting, remember that an added source of pleasure is given if the control is so arranged that lights for individual features may be turned

on or off one by one as you progress through the garden, or turned on all at once or in large sections. Be able to switch on general lighting for the different areas as you approach each section and to light up special features as you approach them. This may be accomplished by master switches at the house or general areas and two-way switches concealed in such convenient locations as, for instance, the sides of arches or underneath balustrades and garden wall copings.





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OR as part of a pleasant boudoir, a Day Bed invites relaxation and adds charm to every home. A Hall Day Bed of metal or wood construction, with the famous Hall Box Springs and Pure Horse Hair Mattress, is a daily joy and comfort.

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Spreads in the Early American Manner*

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Single \$25 (extra sham \$5); Double, \$30 (extra sham \$8)

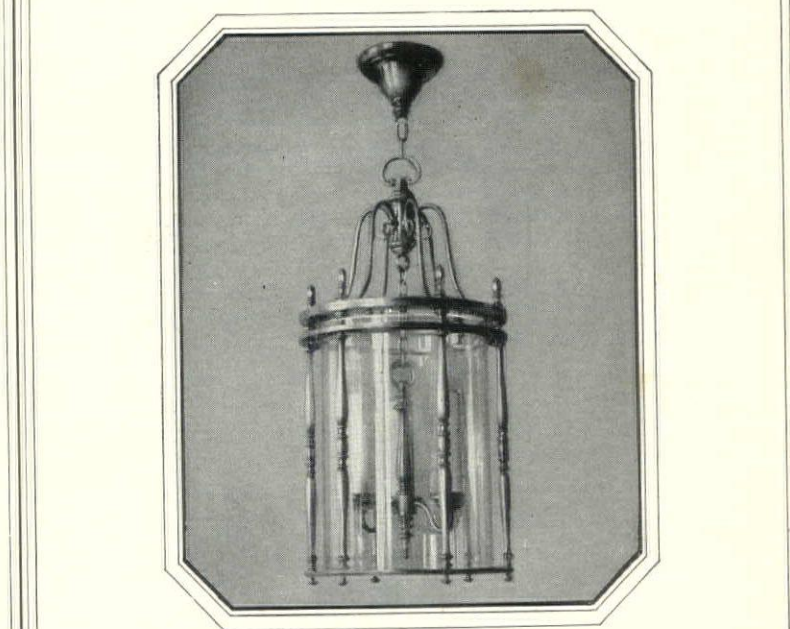
For the traveler on land or sea there are shawls; pillows in smart, compact sets; bed jackets; Pullman sets; nightgown cases; sewing cases, and a great variety of small, easily packed articles to make traveling comfortable.

Catalog of bed coverings and boudoir decorations on request

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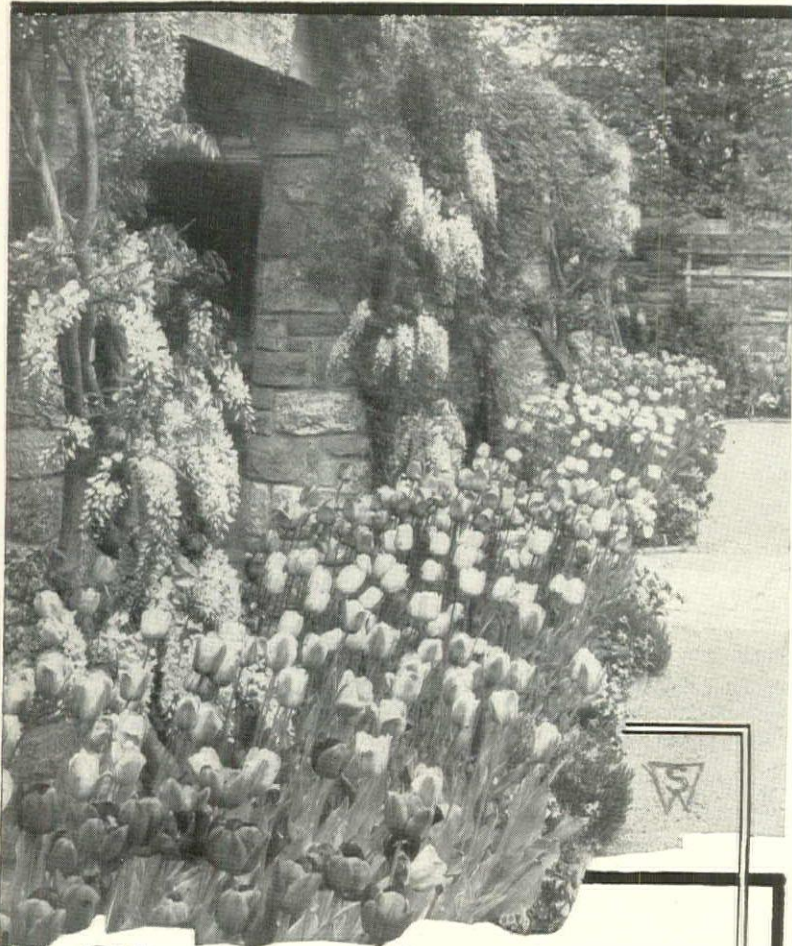
Decorate with Artistic Lighting Equipment



The charm of the old Colonial Stairway is always emphasized by the hanging lantern; correct in scale and character.

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BUY NOW AND SAVE 25%

Until July 15th—not later

We are making the readers of House & Garden a very special offer on the following Darwin, Breeder and Cottage Tulips and are suggesting a color scheme for border planting. Many lovely color schemes may be had with this class of Tulips. Combinations of several varieties are frequently used in the better gardens to attain certain desired color effects. We believe, however, after many years of planning some of the finest garden displays of these Tulips in America, that they are seen to best advantage if planted in clumps of 25, 50 or 100 of a variety with a definite color scheme in mind. Our Advance Bulb Catalog issued in May lists 155 varieties of these—The Aristocrat of the Tulip Family, but we recommend the following Special Border Collection and suggest that they be planted in the order given.

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| Reverend Ewbank—Beautiful soft lavender-violet... | \$4.00 | \$38.00 |
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| Clara Butt—An even tone of salmon-rose..... | 3.50 | 32.00 |
| Apricot—Best described as ruddy apricot..... | 7.00 | 68.00 |

25 each of a variety at 100 price; 250 each of a variety at 1000 price.

Special Collection Offer

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| 10 Bulbs each of the above 10 varieties, 100 Bulbs..... | \$5.00 |
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TERMS: 30 days after shipment or 5% discount if Cash accompanies order.

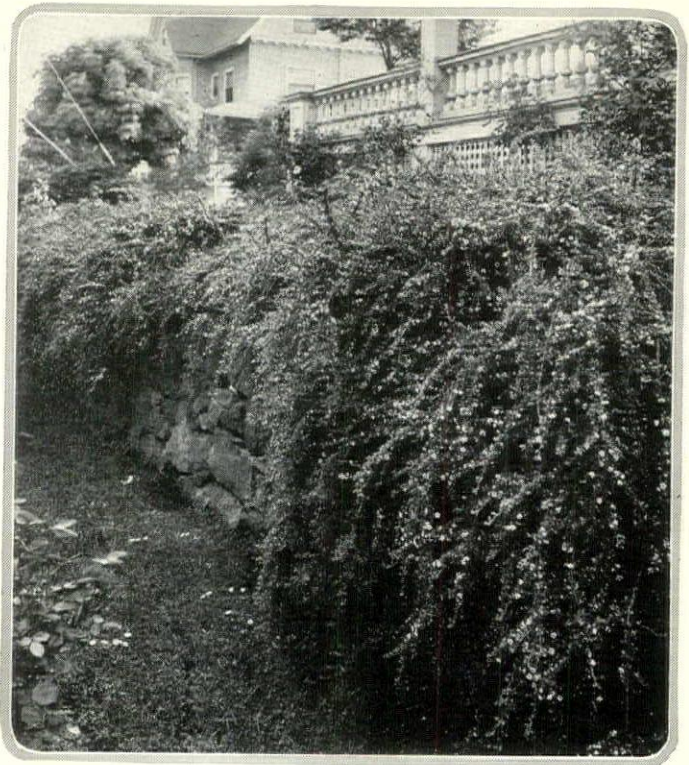
Our Advance Bulb Catalog—Issued May 1st

Write for a Copy

Stump & Walter Co

One of the Largest Importers of Dutch, French and Japanese Bulbs for Discriminating Flower Lovers in the United States.

30-32 Barclay Street, New York



Cotoneaster microphylla is the well-known Rockspray that is so effective when planted at the top of a wall. This is an evergreen species but is not quite hardy in the Boston region

GARDEN RICHES IN COTONEASTERS

(Continued from page 78)

to display to advantage their graceful habit of growth and their beauty of fruit. For cold parts of the country such kinds as *C. lucida* and *C. acutifolia* are fine for making hedges, and in warmer parts so is *C. Simonsii*.

The hardiest sorts all lose their leaves in the autumn but there are a large number of evergreen species much at home in California and other lands blessed with a mild climate. Two of the most popular shrubs in California are *Cotoneaster pannosa* and *C. Franchetii*, both natives of south-western China. The hardiest of the evergreen species is *C. salicifolia*, closely followed by *C. glabrata*, both of which flourish amazingly from Newport, Rhode Island, south to Georgia. All the Cotoneasters are handsome in fruit but the red-fruited group is the most attractive. A limited number, of which *C. hupehensis*, *C. soongorica* and *C. turbinata* may be instanced, are really as beautiful in flower as is any Spirea.

Related to the Crabapples and Hawthorns, the Cotoneasters are lovers of sun and wind and demand full exposure to the elements. A well-drained situation and a loamy soil are the other essentials, and if lime be present so much the better. A weak point about the family in general is that they do not transplant readily from open ground, especially the low-growing sorts. Nurserymen appreciate this fact and are growing them in pots and this is the type of stock which should be sought. Pot-grown dwarf Cotoneasters can be transplanted with assured success and at almost any season of the year. The larger growing kinds are less particular if they have been properly grown and transplanted in nurseries so as to have them develop a fibrous root system.

Provided they be planted where they enjoy good air and root drainage, few shrubs give returns in beauty of form and fruit equal to Cotoneasters. On poor soil they are quite at home, though naturally they relish good food and respond accordingly.

Seeds afford a ready means of propagation, although the bulk of the seeds may lie a full year in the ground before germinating. Cuttings of half-ripe wood taken in July and of hard wood in the winter will root freely. Formerly the reprehensible practice of grafting Cotoneasters on Hawthorn and Mountain Ash stocks obtained among nurserymen. The results were disastrous to the purchaser and this indefensible method of propagation has met with the contumely it richly merited. Such work today should place a nurseryman beyond the pale.

In spite of the many uses to which Cotoneasters are admirably adapted, their all-round good qualities and their suitability to a wide climatic field, they are little appreciated in these United States. However, it is only a question of time when these shrubs of many virtues will be among the most widely planted garden subjects. At the moment not more than half a dozen sorts are properly known among our nurserymen and the amateur has had but little chance of getting acquainted with the group at large. In well-drained situations exposed to the heavens and all the winds that blow the plants are thrifty, keep free of aphids and scale-insects, flower and fruit abundantly and are a never-failing source of pleasure to the lover of shrubs.

The oldest cultivated among the low-growing sorts is *C. microphylla*

(Continued on page 166)

Laugh at Dry Weather

Have rain whenever you want it!
Get earlier, bigger, better
flowers and vegetables with a
SKINNER
SYSTEM

*A size and type for
every lawn and garden*

It is a simple matter to end forever the havoc caused in your garden by dry weather. It is easy to raise a profusion of prize winning flowers and vegetables, even when neighboring gardens are withering under a blasting summer sun. You can be the first to pick spring blossoms for your table—have luscious, early vegetables days ahead of your neighbors—grow these flowers and vegetables from early spring until late fall.

Rain When You Want It

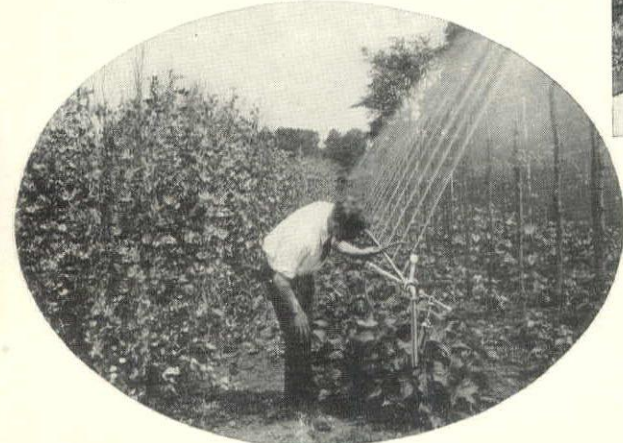
Skinner System provides the nearest thing to rain under heaven—a soft, warm, gentle mist-like spray. It saturates the soil without caking the surface or harming the most delicate plant. Every drop goes deep down to the roots. None is wasted. Economical as well as effective. It requires little attention. Simply turn a valve and you have April showers—all summer and fall.

And how plants grow! Flowers and vegetables grow and yield in a way you never dreamed possible. Lawns take on a smooth, even, velvety texture almost unbelievable. Nor is this all. Skinner System also makes planting easier; makes fertilizing more effective; increases garden yields 100%—200%—and even more. Thus Skinner System pays for itself many times over in a single season.

For Every Garden

Today you'll find Skinner System in small city gardens, on the lawns of suburban homes, on large estates such as owned by John D. Rockefeller, Cyrus McCormick, Ogden Armour, Henry Ford, Andrew Mellon and others.

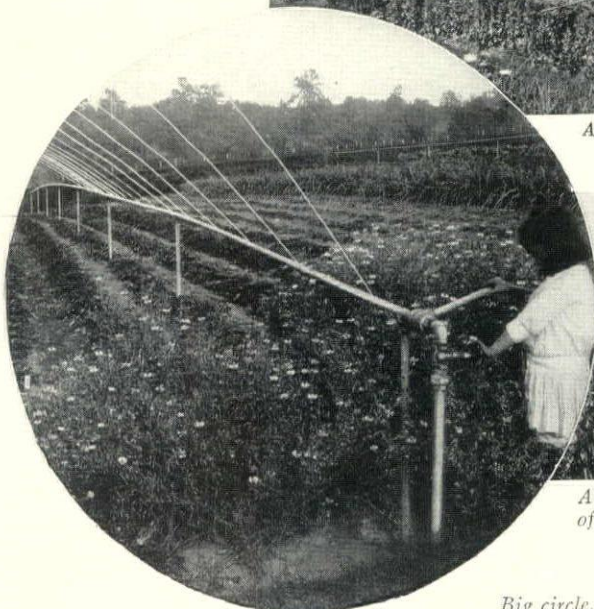
Skinner System is a marvel of engineering genius—an achievement in overhead irrigation that is the result of 25 years research by America's foremost irrigation experts. Yet the cost is remarkably low. No garden is too large or small to profitably use it. Tell us the size of your garden and we'll suggest a system exactly suited to your needs. So get the facts today. Write now for free Book.



Bush limas flourish under Skinner System in this Massachusetts Garden



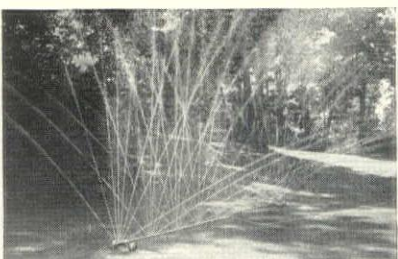
Above: This beautiful home garden of George Meade, Dayton, Ohio, is insured against dry weather with Skinner System



Above: Skinner System in the garden of Thomas H. Waldbridge, Toledo, Ohio



Above: The vegetable garden on the estate of Mr. Jesse Strauss is watered with Skinner System

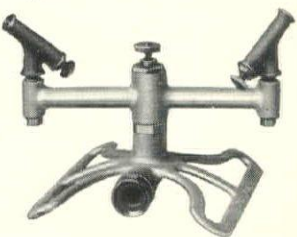


Above: The Skinner "Peacock" Sprinkler, beautiful in action. Waters an area 15 feet by 50 feet

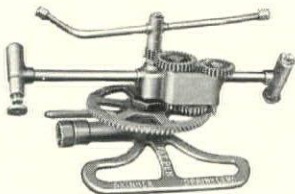


Above: This Skinner Portable Oscillating Sprinkler is shown watering a formal garden. Covers a strip 50 feet wide and 50 to 225 feet long

Big circle, little circle, heavy stream, fine mist, revolving or stationary, fast or slow, as an all-purpose sprinkler, the Skinner "Sod Soaker" is unequalled



This Skinner "Roto-Rain" Sprinkler covers an area up to 80 feet. The most remarkable large area sprinkler ever designed. It insures perfect watering and promotes healthy, deep-rooted growth.



Two Valuable Books—Free

One on the care of lawns. One on garden cultivation. The lawn book tells how to keep lawns green and velvety all summer and fall. Shows various types of sprinklers for different uses—oscillating, stationary, concealed underground, along walks, behind borders and hedges. Special types for tennis courts, bowling greens, polo fields, etc. Wide range of prices, from 50c up.

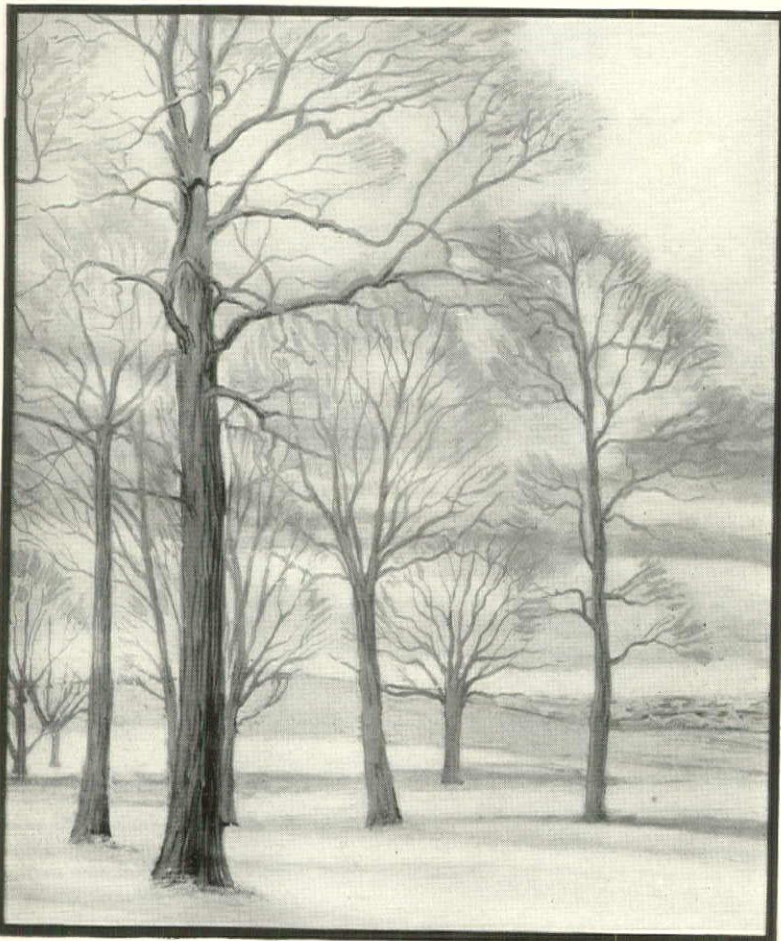


The book on garden cultivation is profusely illustrated with photographs of Skinner equipped gardens. Contains a wealth of valuable information on scientific sprinkling—how, when and in what quantity to provide moisture for best results. Tells how to get earlier, better, bigger garden yields. This book has proved an invaluable aid to thousands. Either of these books—or both of them—sent free on request. Simply tell us what you're interested in—Skinner Sprinklers for lawn, or Skinner System for gardens. Write today.

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Bartlett experience covers twenty-two years of research, progress and practice in tree hygiene and preservation. Bartlett Experts have been foremost in the development of exclusively Bartlett methods in advanced tree surgery. Since William Forsythe, the King's gardener and the first known tree surgeon, in 1790 assembled his famous filler of limerubbish, wood ashes, sand and cow manure, there has been no equal to *Vick's Nuwud*. Nuwud was developed by a Bartlett Associate, and is an exclusive Bartlett feature. It has every attribute of natural wood.

The Bartlett Heal Collar stimulates and assures a uniform healing about all sides of the cavity, including top and bottom.

For your trees' health consult a Bartlett Associate. Write for new booklet, "Adding Generations to Trees".

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GARDEN RICHES IN COTONEASTER

(Continued from page 164)

to which the applicable name of Rock-spray has been given. This is an evergreen species scarcely hardy around Boston, Mass. which makes a broad, uneven hummock sometimes a yard high on the level ground but is best planted on top of stone walls or banks and allowed to trail curtainwise. It has small, glossy, dark green leaves, conspicuous axillary white flowers with pink anthers and red berries in the fall. A variety with smaller leaves is appropriately named *thymaeifolia*, another is var. *glacialis*; both are first-class plants for the rockery. The most prostrate of all is *C. Dammeri*, or *C. humifusa*, as it is commonly called. This is a trailing plant which roots as it creeps over the ground. It has more or less oval, bright green leaves, white flowers and scarlet fruits. In central China, whence I introduced it into gardens a quarter of a century ago, it covers vast areas of windswept mountain slopes, and pheasants—Golden, Reeves' and Ringneck—are very partial to its fruits. Unfortunately we have not been successful with it in the Arnold Arboretum, but a friend on Long Island rejoices in a magnificent carpet of this unique species. For clothing banks, especially those of a gravelly nature, this plant is unusually valuable, but it must not be allowed to suffer drought. In California and elsewhere, under the name *C. Wheeleri*, a low-growing, evergreen, red-fruited Cotoneaster is cultivated. The correct name for this is *C. prostrata*. A related trailing species from the Nilghiri Hills in southern India is *C. buxifolia*. The names of the Indian Cotoneasters are much confused and the plants themselves are tender in New England.

A POPULAR VARIETY

Deservedly the most popular of red-fruited Cotoneasters is the Chinese *C. horizontalis*, characterized by its flat sail-like or frondose branching habit. In climates rather milder than that of New England it is sub-evergreen but it is quite hardy although deciduous well north of Boston, Mass. In the open border it makes broad, hummock-like, irregular masses a yard high possessed of much character in habit. Planted against a wall—stone for preference—it can with little difficulty be trained to form a close screen. Placed on top of low walls it grows into an irregular thicket of singular charm. The flowers are abundant, pinkish but not conspicuous; its fruits are about the size of a pea, bright red to scarlet, and brilliantly jewel the branches in the duller days of winter and far into the spring. Besides the type there is var. *perpusilla* with smaller leaves, and var. *Wilsonii* of more even, although loose, habit of growth. Topping a boulder in the rockery or planted in a crevice and allowed to spread itself at will *C. horizontalis* and its forms rank among the most useful, pleasing and decorative shrubs gardens possess.

Somewhat similar, but of close-tufted habit, with larger, thinner leaves and fewer fruits is the pretty *C. adpressa*, also delightful as a rockery plant. Of taller habit and forming

neat mounds a yard high with overlapping branches which are studded with scarlet berries in the fall and winter, is the newer *C. apiculata*, also of Chinese origin. Taller plants be suited for planting in groups or as individual specimens in the open among rocks are *C. divaricata* and *C. rotundifolia*, both intricately branched, red-fruited shrubs from 4 to 8' high and broad. The first-named is the hardiest and has bright red fruit in clusters, usually of three, produced in amazing profusion. In *C. rotundifolia* the fruits are larger, usually solitary and long retained on the branches which are flattened and sail-like in appearance. All three have pinkish, inconspicuous flowers and are sub-evergreen in mild climates.

WITH ARCHED BRANCHES

A handsome shrub with arching spreading branches and clustered scarlet fruit is *C. Dielsiana*, or *C. applanata*, as it is also called. This will grow fully 10' tall and as much through with branches arching over to the ground. There is a variety (*major*) with larger leaves and another (*elegans*) with coral-red fruits and sub-evergreen foliage. Another good sort is *C. Zabelii*, which has slender branches, dull green leaves and bright red hanging fruits. This is a broad shrub growing some 6' high and its foliage turns bright yellow in the autumn. More pleasing than the type is var. *miniata* which has very pretty orange-scarlet berries.

The great decorative value of Cotoneasters in general lies in their fruit, but there are several whose beauty of blossom rivals that of the Spireas. Three of the best of these are *C. soongorica*, *C. hupehensis* and *C. multiflora*, all of which have flattened clusters of white Hawthorn-like flowers, borne freely all along the stems. The first-named has rigid branches arranged to form a broad, rounded bush from 6' to 10' high and more in diameter, with foliage that is gray-green owing to the presence of a covering of hairs, and large coral-pink fruits. If the leaves do not afford sufficient contrast to show off the flowers to advantage ample amends are made in September when the whole plant is necklaced in coral-pink. The fruit is relatively large and so abundantly produced that the stems appear as ropes of beads. The fruit ripens early and falls before the winter sets in, but throughout September and October the bush is conspicuous from afar and of exquisite loveliness. The other two (*C. hupehensis* and *C. multiflora*) have dark green leaves and whip-like arching and spreading branches which form masses of white in early summer; in the autumn they are strewn with brilliant crimson fruits. Both are very hardy, free-growing shrubs from 8' to 10' high and from 10' to 15' through. Combining the qualities of abundant blossom and wealth of brilliant fruits, I count *C. soongorica* and *C. hupehensis* two of the most valuable shrubs it has been my privilege to add to northern gardens. If any doubt their

(Continued on page 168)

Evergreens for All Places

Evergreens work the year around. In summer they give a varying color tone to the more splendid hues of deciduous trees; in winter they are the most cheerful object in an otherwise somber landscape. Objectionable views or buildings may readily be screened with tall-growing evergreens.

No matter how small the home grounds, well placed evergreens give privacy and beauty all the year.

For nearly 75 years we have experimented with evergreens and know the variety best adapted for general use. We will be glad to advise you about the varieties you should plant to carry out your particular plans in your special location. Hicks' Time-saving Evergreens give to the new house an old-established look, and add dignity and charm to those older homes that abound in the eastern part of our country.

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Sizes and prices of Hicks' Unusual Evergreens are given in our latest edition of "Home Landscapes," a copy of which will be sent on request.

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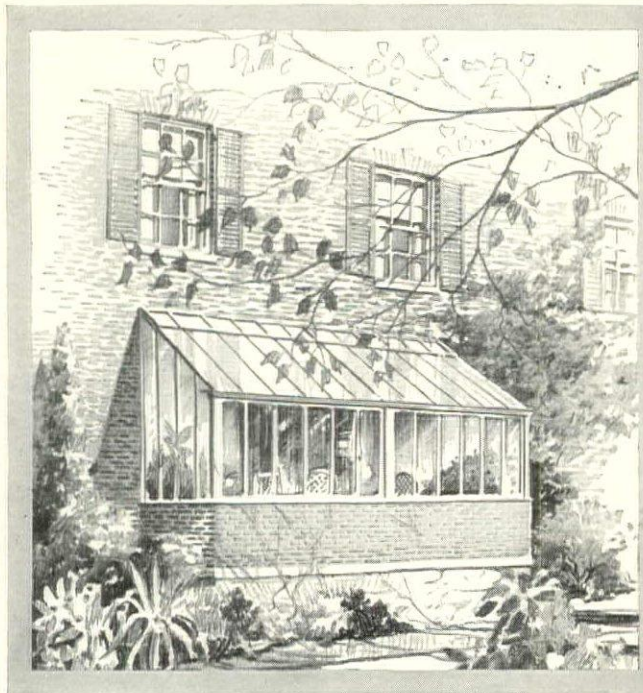
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GARDEN RICHES IN COTONEASTERS

(Continued from page 166)



Complete materials for this Kiddy Play Place Vitalarium cost but \$1090. It's 6 feet wide and 17 feet 4 inches long. Frame is of steel. All the wood is cypress. It's completely glazed with Vita Glass.

Your Kiddies' Health How Important Is It?

Have you ever thought that the very same thing which makes you feel sort of run down and "spring feverish" each year also affects your child? Perhaps you have laid it all to being "too much shut in" during the winter. But that's only half the truth.

THE other half is, that you can be shut in, and still have an inside condition that's just as full of oxygen filled air; and just as teeming with the vitalizing power of the sun, as if your kiddies were playing every winter day, right out doors.

You can do it, by having for them one of our Vitalarium Play Places. We might try to tell you here, something about how it's glazed with Vita Glass, that allows the full passage of the life giving Ultra Violet Ray. How it's amply oxygenated, while being abundantly warmed. But then there would be no room left to tell you of the

really remarkable effects of the Ultra Violet Ray and the full particulars of how to secure such effects for your kiddies. So let's not attempt it.

Instead, let us send you the complete facts as told by the Lord & Burnham Vitalarium circular.

Yes, that's so, summer is here and why worry now about next winter's shut-in? Just because, if you don't get ready now, you won't be ready then. Building, as you know, always takes more time than one counts on. If your kiddies' health is important to you, send for the Vitalarium circular.

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usefulness or beauty they have but to visit the Arnold Arboretum and see for themselves.

A graceful shrub with slender branches, pink blossoms and red fruit is *C. rosea*, native of remote Afghanistan but quite hardy in Massachusetts. Fairly well-known are *C. racemiflora*, *C. integrifolia*, and *C. tomentosa*, vigorous growing shrubs with rather large leaves and clustered red fruits. A newcomer from western China is *C. bullata* with its varieties *floribunda* and *macrophylla*. These are shrubs some 10' tall with ascending branches and relatively large, ovate, pointed, deep green leaves much wrinkled above, and clustered berries that shine like beads of sealing wax. The largest of all Cotoneasters is the Himalayan *C. frigida* which is often a tree growing some 25' tall with a broad rounded crown. It carries dull green, deciduous leaves each from 3" to 5" long, more or less oval in shape, flat corymbs of white flowers and rich red fruits. In the fall and early winter the branches are wreathed in broad clusters of colored berries and the whole tree presents a brilliant spectacle. Unfortunately it is tender, but for California and gardens from Washington, D. C. southward there is no more beautiful berried tree. Other good Himalayan species for warm temperate climates are *C. acuminata* with red fruits, *C. affinis* and *C. bacillaris* with purple-brown fruits, all large shrubs of good habit.

The black-fruited Cotoneasters have less garden merit than their brethren with red fruit, but *C. moupinensis* and *C. foveolata* are worthy of a place on account of their orange to scarlet autumn-tinted foliage. These are hardy, vigorous shrubs growing from 10' to 12' tall and as much in diameter, with abundant clusters of black fruits. Slender arching stems, lustrous leaves and jet black fruits characterize *C. nitida* and *C. tenuipes*, also recent acquisitions from western China.

FOR CENTRAL U. S.

For the Middle States and colder parts of the country in general *C. melanocarpa*, *C. acutifolia* and *C. lucida* with clustered black fruits are to be recommended. Also they have much merit as hedge-plants, for they are of shapely growth, stand clipping well and possess iron constitutions. For California and warm temperate regions the long known *C. Simonsii* is not only a good shrub but admirable for hedges. It has red fruits and is sub-evergreen in mild climates. In New Zealand I often admired the well-kept hedges of this useful shrub. Until the advent of many attractive species from China it was the most widely grown Cotoneaster.

Since the present century dawned western China has contributed to

gardens a host of useful and beautiful shrubs, noteworthy among them being many evergreen, red fruited Cotoneasters. California in particular has cause to be thankful for this contribution. Two of the most prized shrubs grown in the gardens of that favored State today are *Cotoneaster pannosa* and *C. Franchetii*, natives of Yunnan. Both are free-growing, slender-stemmed shrubs with arching branches attaining a height of from 8' to 15' and more in diameter with abundance of blossom and fruit. Superior to either, with larger leathery leaves, dark green and lustrous above and clothed with a gray felt below, and broad clusters of bright red fruits, is *C. Harrocziana*, also from Yunnan. From the same region of China came *C. amoena* with small leaves crowding stiff spreading branches and rich red berries densely clustered. It is a shrub of from 5' to 8' high and more in breadth.

A HARDY TYPE

The hardiest of the evergreen tall-growing Cotoneasters is *C. salicifolia* of which there are narrow (*floccosa*) and broad-leaved (*rugosa*) varieties. These are handsome shrubs with leaves lustrous above and felted with white hairs on the underside, and clusters of conspicuous white flowers which are followed by a wealth of small bright red fruits. The many arching, ruddy barked branches sweep the ground and form fountain-like masses of from 12' to 18' in height. From Newport, Rhode Island, south these plants are perfectly hardy and of their class there are no more useful or desirable shrubs. Almost equally hardy is *C. glabrata* with oblong lance-shaped leaves some 2" to 3" long, bright green and wrinkled above, smooth and pale below. It is a handsome, vigorous shrub from 12' to 15' tall with flowers and fruit like those of *C. salicifolia*. Somewhat similar and equally beautiful is *C. rhytidophylla*, characterized by its strangely wrinkled leaves heavily felted on the under surface. One of the most floriferous of all is *C. turbinata*, a shrub of elegant habit growing 10' and more tall, blossoming in July and bearing in autumn clusters of pear-shaped red fruits. I fear that neither this nor the very desirable *C. serotina* and *C. glaucophylla* is in cultivation in this country, but both ought to be speedily added to California gardens.

There are other evergreen species, all of them worthy, but my list shall end with *C. Henryana*, a tall-growing shrub with pendulous branchlets, large leaves, broad corymbs of white flowers followed by rich crimson fruits. It is of lax habit and rather sparingly branched, and it has the largest leaves of any evergreen Cotoneaster. In autumn when its pendent branches are weighted with crimson berries it is seen to great advantage.



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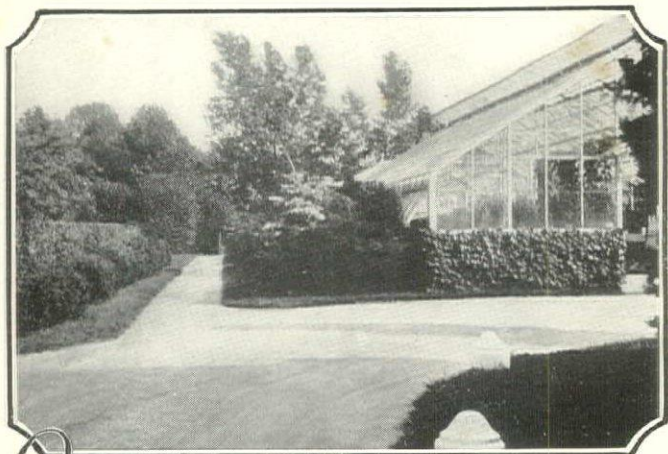
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Solvay, a white, odorless material, when spread on the surface absorbs moisture from the air and retains it on the road. This action is continuous and keeps the surface slightly moist and therefore DUSTLESS at all times. Solvay does not track or stain.

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At the end of a straight brick walk leading from a formal Colonial house a semi-circular colonnade and seat successfully terminate the vista

HOSPITALITY IN THE GARDEN

(Continued from page 75)

permanent seat or spot in which to rest.

The presence of a pool of water of any size or description warrants the erecting of a hospitable garden seat, its material and character being determined by that of the pool and the landscape surrounding it. A concrete bordered swimming pool amid a wealth of natural wild growth, will be most fittingly adorned with a classic stone or concrete seat at each end where the swimmer may emerge for a delicious sun bath.

Rock gardens contain a host of interesting places for rest spots, as the building into the rockery of natural rock seats not only offers the most irresistible of invitations for relaxa-

tion but also serves effectively to break the rather monotonous line of a large solid rockery. Such a seat would, of necessity, have a sunny location and would be partially surrounded by the wealth of evergreens and shrubbery that should always form a background for the large rock garden.

If old Maples or Beeches are on the grounds, or interesting natural rustic effects of any description whatsoever, there is ideal occasion for building benches or seats around them. In such case any additional garden furniture of the portable type should also be of rustic character in order to fittingly emphasize whatever natural charm the surroundings afford.



In a rocky woodland the occasional seat may be of stone, simple and unpretentious in character. Such a resting place carries out the feeling of solid permanency which the surroundings naturally indicate



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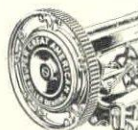
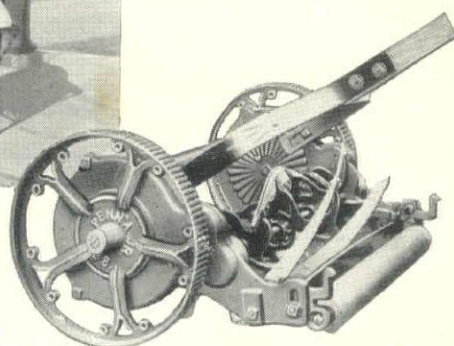
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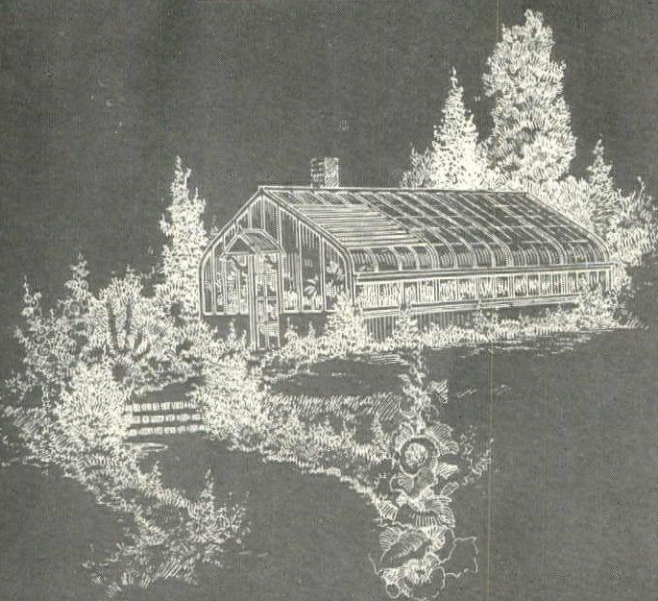
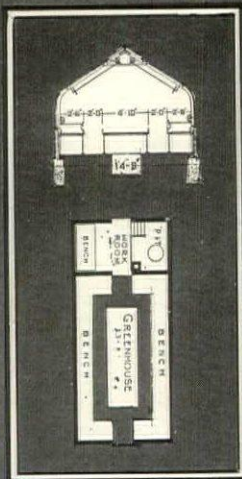
\$1700 buys all the materials and full equipment, heating apparatus included. The "plus" represents the concrete work and the workmen's time in erecting the house, which is not included in the \$1700 price.

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Ask about our Budget Plan of Payments.
Many find it convenient.

Hitchings Company

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FURNITURE OF THE FEDERAL ERA

(Continued from page 126)

back designs before Sheraton ever came to London but I recognise only two of them as having counterparts in America and one of these I have traced from his book.

It will at once be seen how closely the back of the American-made chair resembles the tracing. The Hepplewhite stretchers are retained, either as a survival or to increase the strength of the chairs. American chairs of this period were frequently made stouter than was deemed necessary for the polished drawing rooms of London.

Most of our American chairs of this period were in these simple, chaste designs but there were a few elaborate ones. The handsomest back I have seen is shown on page 88—owned by a descendant of one of the well-known old families of New York, where this chair doubtless had its origin.

The Chippendale, Hepplewhite, and Sheraton styles all embraced settees with multiple chair-backs and also upholstered sofas.

Hepplewhite sofas are extremely rare. I have seen but one in recent years and there are none in either the Metropolitan or Pennsylvania Museums. Of the Sheraton style, two examples are given. One is Sheraton in every respect except that it is especially interesting in having the camel-back, surviving from the Chippendale and Hepplewhite styles. The other, a typical Sheraton sofa, was made by Duncan Phyfe. The triple ornament of the back-rail should be noted, as it is one of the Phyfe characteristics to be mentioned in a future article.

The case of sideboards is very different from that of seating-furniture; even the attributions of well-known writers sometimes varying regarding certain types. The fact is that there is no one criterion for distinguishing them; we must often determine from the general "look" of the piece and the weight of evidence furnished by details. Sometimes that evidence is very evenly distributed.

On page 88 is a superb inlaid Hepplewhite Philadelphia-made sideboard, with urns. Very beautiful also is the New England Sheraton sideboard pictured on page 126. The outstanding leg—the "engaged" column of architecture transferred to furniture—is always Sheraton. Equal characteristic of that style, in America is the paw-foot which is found on many New England sideboards.

Tea-drinking was a rage in London and the cargo of tea spilled into Boston Harbor before the Revolution only one indication of the extent which the custom attained here. The pod tables with classical detail and the Pembroke table when accompanied by our lovely American silver and decorative china, often from the Orient, must have been indeed inviting in this later period also.

The Pembroke here shown is of particular interest as being a transition between Chippendale and Hepplewhite.

Nor do we need the numerous references to "loo" and other games to chance to inform us how widespread was card-playing here; the number of card-tables and the care lavished upon them are a sufficient indication. Even staid New England is famous for the workmanship of its many examples. Two charming Hepplewhite card-tables are illustrated.

EDITOR'S NOTE: This is the second of a series of articles on Furniture of the Federal Era. In April Claude Bowers stated the social background of this period in American history, 1790 to 1820. In May Mr. Holloway wrote on the Chippendale influence still existing in furniture made at the beginning of this period. In July we will show the great beauty to which the cabinet-pieces and bedsteads of the Hepplewhite and Sheraton styles attained in the skillful hands of our American craftsmen.

FROM INSIDE LOOKING OUT

(Continued from page 140)

Perhaps without giving less attention to the practical and decorative aspects of the building puzzle, we might give at least as much to the production of illusion. The architect, interior decorator, and landscape architect should think and see as one. It is not necessarily the great view which we are after. To achieve the panoramic, Olympic outlook is simple enough. For this one must choose a hill-top. But far more subtle and satisfying is the surprising, enrapturing, intimate glimpse of the outside from within. You must see the top of the

Apple tree from your bed in the morning, the dark points of Fir trees across the moon by the garden wall from the study at night; or the painted trellis over your newspaper in New York. It is only these things that can make us really say to Keats, "I understand when we read the lines:

"To one who has been long in a pent
Tis very sweet to look into the fair
And open face of heaven—to breathe
a prayer
Full in the smile of the blue firmament."



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Few flowers, whether used for garden decoration or principally for cut blooms to decorate the home, are as responsive to simple garden culture as our Modern Dahlia. It has made wonderful advancement in size of bloom, habit of growth and profuse blooming qualities.

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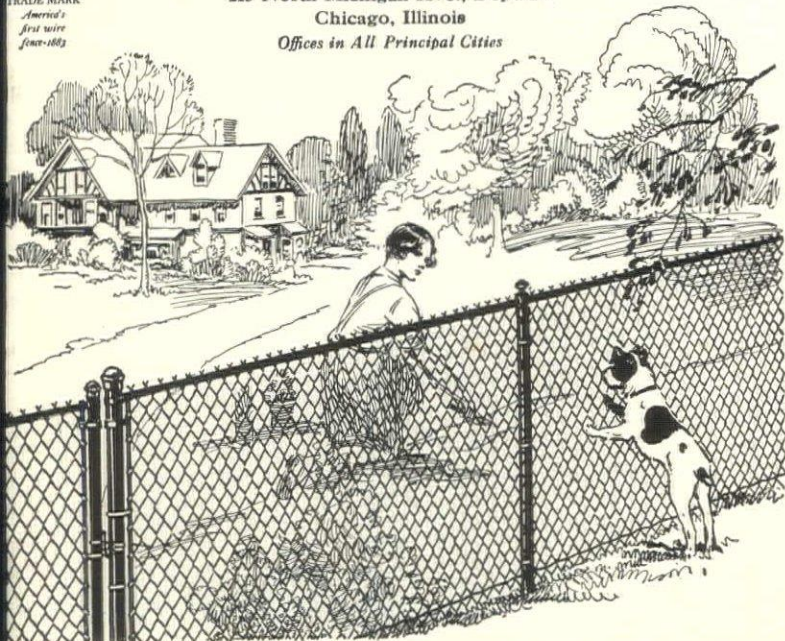
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Greetings from Holland



It's land of peace and plenty where systematic endeavors coax into existence those fragrant Hyacinths and stately Tulips that turn Spring Gardens into veritable fairylands. This month sees the fields on our farms in Holland develop into blue and white acres of Hyacinths, and crazy quilts of the lovely Breeder, Cottage and Darwin Tulips, etc.

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A few months hence harvesting and curing will be in full swing. And after the curing comes sorting. Among millions of bulbs there are thousands that are better than others. And it is from among the thousands of better bulbs that we select for you what we consider the cream of the crop, bulbs that, in the past, have secured for our customers, year after year, the majority of Blue Ribbons at the principal flower shows.

Catalog Gladly Mailed FREE!

Our catalog has been pronounced by "seasoned" bulb growers the most truthful and most accurate from a descriptive standpoint. The firm foundation of truth has helped us to build many enduring friendships among our customers. You are invited to join their ranks by asking for the catalog today. Prompt action not only stands for definite money saving but also insures you special service of an unusual nature. So please write at once.



ZANDBERGEN BROS., "Tulipdom"

Oyster Bay, Long Island, New York

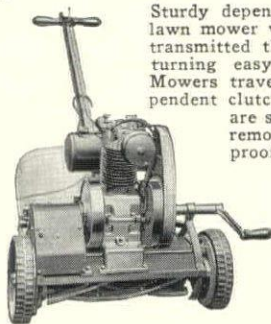
Nurseries at Valkenburg, near Leiden, Holland



Perfection

EACH year for many years Jacobsen Power Lawn Mowers have demonstrated a marked superiority that we have felt approached perfection. Yet each year our factory, exclusively devoted to power lawn mower manufacture, has worked refinements that keep Jacobsen in a distinctive class. The most inexperienced operator uses them successfully.

Jacobsen Power Lawn Mowers



"Junior" 10-inch Power Mower

Sturdy dependable motors, specially designed for power lawn mower work, furnish abundant power. The power is transmitted through a practical differential which makes turning easy and permits close-up cutting. Jacobsen Mowers travel on their own power, with separate independent clutch control of reel and traction units. Knives are sharpened by the mower's own power without removing the reel. Gears are enclosed in dust-proof housings and run in oil.

Sell Themselves

The Jacobsen 4-Acre Heavy-Duty Mower, Estate Mower and "Junior" Mower furnish a choice for every type and size of lawn. Demonstrations on your own grounds without obligation. Free book, "Lawns Beautiful" on request.

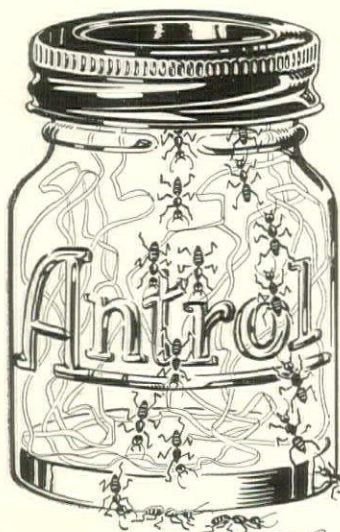
JACOBSEN MFG. CO.

Dept. A, Racine, Wisconsin, U. S. A.
New York Office—245 W. 55th St.

Lawns Beautiful

EXPENSIVE—

Ants



Ants cost you hundreds of dollars yearly, sometimes thousands, if you have many plants, shrubs, trees and other decorative vegetation to protect.

They do it by fostering the growth of *aphis*, *mealy-bug* and *scale* which cannot be successfully controlled until you first control the ants.

E. L. Doheny, Jr., Henry E. Huntington, Wm. Wrigley, Jr., the great Pioneer Nursery of Monrovia, California, The Sunkist Orange Growers, the University of Southern California Medical Department, Golden Gate Park, San Francisco, and other prominent men and institutions are users of THE ANTROL SYSTEM.

Their reasons are as follows:

THE common ant of the sweet-eating species that you see about your place is a destructive influence that, perhaps, you don't suspect.

Aphis, mealy-bug and scale excrete a honeydew substance that ants use for food. Ants, therefore, protect these pests. Your efforts to control them are largely nullified unless you "get the ants."

The Antrol System—the first system of control to be developed and produced on a national scale by a scientific research laboratory—now gets a new result with ants. Able, thinking men and business institutions have found this out, and are flocking to this system to save the money henceforth that ants have cost them heretofore.

Yet the Antrol way is simple. Little glass jars containing an "excelsior ladder," (patented) are filled with a special Antrol Syrup. The ants crawl in and take particles of syrup back to the nest. There the en-

tire colony is "fed" with the syrup and is soon exterminated.

"I believe Antrol is going to save me thousands of dollars in plant and shrub replacements every year," says Wm. Wrigley, Jr.

"Results have been so marvelous as to be almost unbelievable," writes the Pioneer Nursery after trying 2,000 Antrol jars.

No other system that we know is so neat, clean, simple, durable and economical. The cost averages about one-fourth that of "special contracts" for ant work.

Verify the judgment of the large estate owners and institutions that are everywhere adopting it.

Get Cutworms, Slugs, Snails.

Snarol, a ready-prepared meal, non-soluble in water so rain or sprinkling doesn't harm it, and absolutely harmless to vegetation, quickly kills snails, slugs, grasshoppers, cutworms, earwigs, and sow bugs.

Sprinkle it around the flowers and the shrubbery and save the damage from these pests. Remember the name—

Snarol

Antrol

The Scientific National Ant Control
Antrol Laboratories, Inc.

Dealers:

Write us for our proposition

Antrol Laboratories, Inc.,
Sec. 1-C, 851-53 Imperial St.,
Los Angeles, California.

Please arrange with dealer named below to show me the Antrol System and quote prices with no obligation on my part. Also send me free booklet on "Pest Control" by A. D. Cardinet.

Dealer's Name.....
Address.....
Your Name.....
Address.....

GATHERING FLOWERS

(Continued from page 158)

kind. Of course, interloping weeds should be pulled up, the leafmold mulch should be replenished whenever it has become so decomposed that it is just dirt, and during protracted dry weather the hose should be used often enough and thoroughly enough to keep the soil moist to the depth of 1' or more. Plants that are natural spreaders should be cut back to keep them within bounds, and if any get too obstreperous, as often happens in my garden, it is sometimes best to root them out entirely and replace them with other better-behaved kinds.

All wildflowers and Ferns, when once established to their liking in the wild garden, show marvelous improvement in size, vigor and beauty. It seems as if they do this in appreciation of their rescue from the strenuous struggle for existence which prevails in their native haunts. They apparently rejoice at having more light, more air, more elbow room. No longer compelled to share the meagre fertility and moisture of a mere handful of earth with tree roots, grass roots and roots of crowding plant neighbors, they burst into laughing bloom and grow fat as they laugh.

Look at the illustrations of the two Violet plants on page 73. Both are the common field Violets of our sandy pastures and arid hillsides (*Viola frimbriatula*). The little one at the right was the largest and finest of a lot of twenty, dug this spring on a barren slope near my home. The handsome specimen at the left was intro-

duced into my garden summer before last, when it was a duplicate of its insignificant looking companion. During two seasons of freedom from fierce competition it has increased tenfold in size, and on the day the picture was taken it bore over one hundred blossoms. Note that both flowers and foliage have enlarged proportionately to the development of the plant itself.

The illustration on page 72 showing the early hillside Buttercup (*Ranunculus fascicularis*) presents another striking example of how a wildflower grows in grace and beauty under friendly conditions. This plant is in the second year of its emancipation and has become so sturdy and vigorous that it is already four times the normal size of its still enslaved woodland sisters. It bore this spring a score or more of brilliant blossoms that a silver quarter would barely cover and many of them had from two to ten extra petals. A wild plant rarely shows more than three or four flowers.

Such marvels as these may be seen in my wildflower garden every day from April to October. Indeed, the display of blossoms on the sturdy, compact bushes of my native Asters in autumn, their size and their brilliancy of color, are the wonder of my visitors, who always want to know where they can buy plants like them.

"You can't buy them," I answered. "You have to hunt them and dig them and plant them and mulch them just as I did. Do your part of the work right and they'll do the rest."

HOUSE & GARDEN'S BOOKSHELF

THE FLOWER GARDEN DAY BY DAY.
By Frances Yeoman King. New York:
Frederick Stokes Co.

HERE is a garden guide book containing advice about what to do for and in the garden every day of the year. The book is arranged with every other page blank so that the gardener's own record and comments may be entered. An excellent book for a certain type of mind, a type, moreover, which is very prevalent in amateur garden circles—the methodical mind which accomplishes its best results when given a series of set rules and recipes to be followed in a regular, systematized manner.

Its wealth of information on various problems of maintenance such as pruning, seed sowing, cultivation, spraying, watering, and seed saving should prove a boon to all gardeners who find it difficult to winnow such facts from larger and more verbose writings. Many delightful details and secrets of success have been offered in this little volume, and the author has not overlooked such cardinal virtues in gardening as good design, proper planning, and garden note books. Her list of books for collateral reading is admirably chosen. It is unfortunate, however, that we must still so frequently refer to English books,

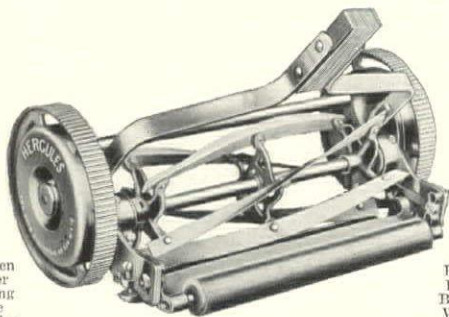
which, due to our dissimilar conditions, may prove confusing to the novice.

There may be a slight tang of foreign suggestions and plant combinations, but American gardeners, for the most part, are able to translate such things into terms suitable for American climatic and soil conditions. The suggestion of rare and expensive items has been mentioned in the author's foreword. She has included such things along with the less expensive, for she believes in the truism that people obtain those things which they most desire, and as an expensive Iris root can be bought at the sacrifice of but a few movies, she names the Iris in the hope that it will receive the preference. It is high time that we concern ourselves with the better and newer varieties of plants instead of meekly following on with our train of tried and true favorites. The slight danger of getting too many precious combinations in our gardens will no doubt be overcome by our innate common sense. Mrs. King, on the other hand, is an excellent guide among these newer things and, unlike many writers, she has told us where we can obtain many of the things she mentions that are not to be found in all seed or nursery lists.

J. S. O.



BLAIR Lawnmowers for Better Lawns



Timken
Roller
Bearing
Blade
Cylinder

Hyatt
Roller
Bearing
Wheels

THE HERCULES—16 inch \$28.00

BUILT on modern engineering principles and in sturdy New England fashion, Blair draw-cut lawn mowers shear the grass gently and evenly. Delicate roots are unharmed and a smooth, velvety lawn is left behind.

The Hercules, for instance, has steel wheel studs which will not break off, dust proof oil cups, self-sharpening crucible steel blades, and fine roller bearings in labyrinth enclosed housings.

If your dealer does not carry Blair lawn mowers, write us direct.

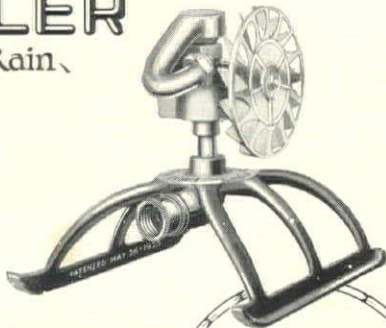
BLAIR MANUFACTURING COMPANY
Established 1879
Springfield, Mass.

BLAIR Drawcut LAWN MOWERS

DOUBLE ROTARY SPRINKLER

Next Best to Rain

Endorsed
by Hundreds
of
Home Owners



Try 10
Days

OWNERS of beautiful homes everywhere find it easy to keep lawns, flowers and all growing things fresh and green with this new improved Double Rotary Sprinkler. No worry about dry, hot summer days. The Double Rotary gives "a gentle shower" whenever you want it. Sprinkles over a circular area covering more than 5,000 square feet, with maximum water pressure. Has a handy adjustable nozzle which, by a simple turn with the fingers, regulates water stream against wheel. Sturdy skid base; easily moved.

The Double Rotary solves your irrigation problems right—economically—for years to come. Sturdily built of best materials—aluminum water wheel, skid base; bronze and steel gears run in bath of oil. Standardized parts. Nothing to get out of order.

We will send you a Double Rotary Sprinkler to try for 10 days. If you are not satisfied in every way, return it at our expense and we will refund your money. Price \$12.50 postpaid anywhere in the U. S. A. Descriptive literature on request.

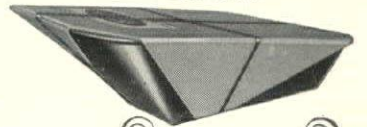
DOUBLE ROTARY SPRINKLER CO.
Lou E. Holland, Pres.
1200 Coca Cola Bldg. Kansas City, Mo.
Dealers—Write for special proposition.

The Wheelbarrow of a Hundred Uses!

"Not too Small for Dad"
—Not too Large for Son"

THE
COMPACT

Sterling HANDIE-BARO



HANDIE-BARO
PACKAGE

Sold to you in
sealed carton as
illustrated above

Not a burden but a pleasure to operate. Never before has a barrow been manufactured possessing the advantages to the home owner as is offered by the HAN-DIE-BARO.

Equipped with a self-oiling wheel. Painted red and black and varnished.

Weight 34½ lbs.

Size over all
23 inches wide
50 inches long
24 inches high



A SCIENTIFICALLY designed wheelbarrow of greater strength and more attractiveness. Designed for home use it has the same capacity as other garden barrows. Its load is so balanced over the wheel, that with a 200 pound load, only 36 pounds comes on the handles. As suitable for operation by women, or even children, as it is by men.

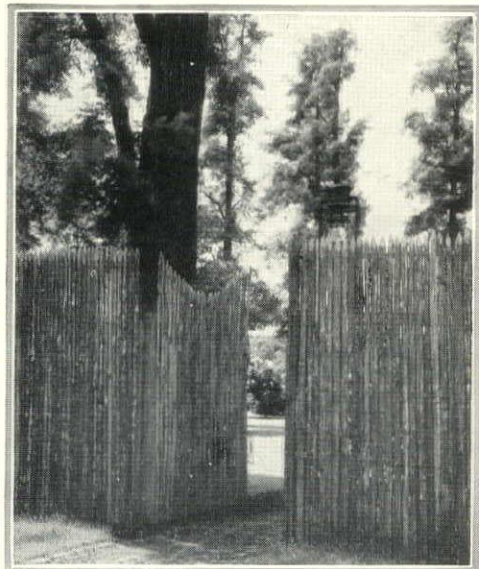
Especially adapted
for the home

Handy in every
part of the yard
and elsewhere.

STERLING WHEELBARROW COMPANY
MILWAUKEE, WISCONSIN

Made in France
of split, live
chestnut sap-
lings bound
with heavy,
rust-proof Cop-
perweld wire.
Comes in 5 foot
sections, in two
heights, 4' 11"
and 6' 6".

The first of this
fence to be used
in America was
erected at West-
bury, L. I. in
1901, and has
never needed
repairs!



A Fence

to keep people from staring in at you

"THOSE long lines of passing motorists right at our front door—how can we endure another summer of them?"

That is the question that hundreds of home-owners throughout America are asking themselves at this time.

For them the answer is Dubois. Friendly in appearance, lending quiet charm to every setting, it serves as effectively as a stone wall in preventing people from staring in at you.

Dubois requires no paint, is easy to erect, and moderate in cost.

DUBOIS Woven Wood Fence

ROBERT C. REEVES CO.
187 Water St., New York
Please send, without obligation, your new portfolio illustrating the many interesting ways Dubois is being used.

Name.....
Address.....
City..... State..... 61

THE GARDENER'S SCRAP BOOK

MEAT AND DRINK FOR PLANTS

ONE of the best of the comparatively new garden devices is a special hose nozzle which contains a soluble and concentrated fertilizing preparation. In operation, the water passes through the hose in the ordinary way, but before it issues as spray it passes over the chemicals and is enriched by them. As a result the plants are fed as well as freshened.

While this device is applicable to many kinds of gardening, it is especially valuable for the sprinkling of lawns. It is inexpensive, refillable, and altogether a worth-while addition to the garden tool-house.

THE NEED OF INSECT CONTROL

IT is an odd freak of nature that as soon as one commences to make one's bit of land more beautiful with flowers, shrubs and trees, or more fruitful by means of vegetables and other edible crops, there immediately arises the need of combating an increase in the number of insect pests. It is as though the good lady resented our efforts to help her out by providing favorable conditions for her plant children, and sent out for reinforcements to halt our campaign.

Yet there is no need for discouragement in this situation—merely for a little more resolve and resourcefulness. Insect enemies may put up a battle, but it is one which can generally be turned against them. The victory will hinge upon knowing what to do, when to do it and, far from least important, actually getting it done.

At the outset, get firmly in mind that there are two general classes of insect enemies that attack garden plants: those that eat stems, leaves or flowers by actual chewing, and those which suck



GALLOWAY POTTERY

TIME defying, beautifying high fired Terra Cottas that will give enduring charm to your Garden, Sun-room and Porch.

Send for Brochure of attractive Bird Baths, Sun Dials, Gazing Globes, shapely Jars, Flower Vases and Pots, Benches and other decorative accessories.

Established 1810

GALLOWAY TERRA COTTA CO.
3218 WALNUT ST. PHILADELPHIA.

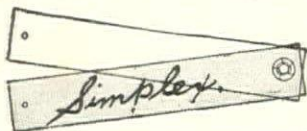
Labels that last

—for names that endure—

PRESERVE the names of your Roses, Dahlias, shrubs and flowers. The tags which come with the plants are soon washed off by the weather and the names lost forever.

Simplex Weatherproof Labels keep permanent records of those names.

Made of white celluloid with specially prepared surface, protected by transparent mica covers. Marking done with ordinary lead pencil is not affected by weather and lasts indefinitely. It may be instantly erased, however, and the labels used repeatedly.



Simplex Weatherproof Plant Labels

(Prices including Copper Wires for Attaching)

3 x 1/2 inches, \$2.50 per 100—No. 1
4 x 3/4 " 4.50 " " —No. 2
5 x 1 " 6.50 " " —No. 3

Simplex Weatherproof Garden Labels

on Iron Stakes 24 inches long

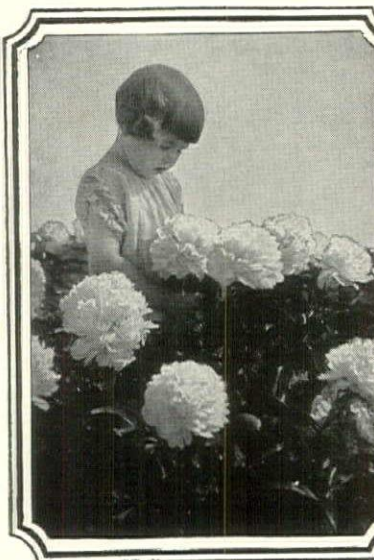
The name card is white celluloid protected by a transparent cover of mica. The card holder is of special rust proof galvanized iron, electrically welded to the stake.

Finished in neutral, dark green, baked enamel

2 3/4 x 1 1/2 inches 25¢ each—No. 10
3 x 2 " 30¢ " —No. 11
Prices include delivery in United States.

Ask for them at your seed dealer or send your order direct to

CHARLES STEWART CO.
220 Broadway New York



Superb Peonies

FOR more than forty years Rosefield Peony Gardens have been famous for peonies of SUPERB quality. Fertile Iowa soil, ideal peony climate and painstaking, intelligent culture have developed extra quality and vigor.

Send for Free Peony Book

Your garden should have the best. Plant these "SUPERB PEONIES" this fall. Our beautiful 32-page illustrated booklet describes over 150 of the world's choicest varieties, gives much valuable information on selection, planting and care of peonies. Send for your copy today. It will help you.

ROSEFIELD PEONY GARDENS
Valley Junction P. O. Des Moines, Iowa
Home of the world-famous deep red
—KARL ROSEFIELD

Cottage Gardens' New Catalog of Peonies and Imported Holland Bulbs

YOUR copy of this new Peony and Bulb Catalog is now ready and will be sent immediately upon request.

It is a beautifully illustrated book that gives complete information in regard to our stock of carefully selected Peonies and imported Holland Bulbs. Considerable space has also been devoted to the proper care of these two major specialties.

You certainly will want this valuable catalog.

The Cottage Gardens
Lansing, Michigan



Kill the Weeds on Walks, Drives and Tennis Courts Quickly and Easily

SPRINKLE them thoroughly with "Herbicide" solution, and it's done. Roots as well as tops will quickly die. Ten times faster than hand weeding and better because it reaches the roots without disturbing the surface. Destroys all vegetation, yet is harmless to shoes and auto tires.

One gallon of "Herbicide" makes 50 gallons of weed-killing solution—enough to drench thoroughly from 500 to 750 sq. ft.

Ask your dealer. If he doesn't handle "Herbicide" send us \$2.00; we'll ship gallon can express collect. Insist on the original "Herbicide", used for forty years.

Quantity prices on request
Write for illustrated folder—free

READE MANUFACTURING CO.
155 Hoboken Ave. Jersey City, N. J.

"HERBICIDE"
THE WEED EXTERMINATOR
One Application Kills Both Tops and Roots



For Better Gardens—Perfect Flowers

KILL INSECTS

No matter what plants, flowers or trees are infested, "Black Leaf 40" (nicotine sulphate) is the old reliable spray for killing aphids, thrips, leaf hopper and similar insects. That is the successful gardener's way. He keeps "Black Leaf 40" on hand knowing that these pests may appear almost over-night.

Easy To Use. Instructions come with every package. The ounce bottle, for 35¢, makes six gallons of effective spray. Sold also in larger sizes, by druggists, hardware, seed or department stores.

Tobacco By-Products & Chemical Corp., Inc.
Louisville, Ky.

Spray

"Black Leaf 40"
40% Nicotine
Kills Aphids





'Kentucky Bred' Quality

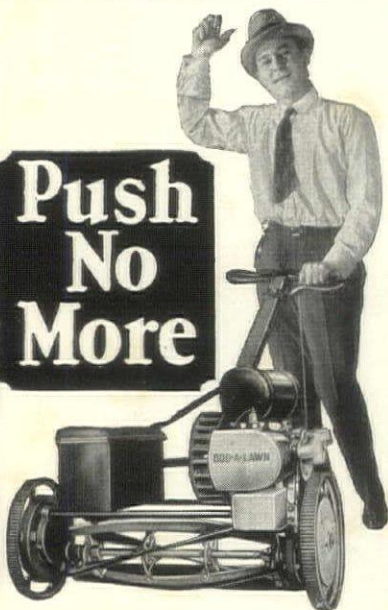
Built up through painstaking work—kept to a high standard by constant care, selection and cultivation—aided by nature's gifts of a moderate climate and a rich soil,—"Kentucky Bred" quality furnishes flower growers the country over with the best of their gardens.

'Kentucky Bred' Dahlias

Plant them now. We list nearly 400 every one a quality Dahlia—rare and new varieties; also familiar old ones. Send for our catalog. Complete listings of Dahlias, Glads, Irises, Peonies, other "Kentucky Bred" Plants, Flowers and Shrubs.

Plant your late summer's garden now

Jacob Schulz Company, Inc.
Dept. E. 550 South Fourth Avenue
Louisville, Kentucky



Just Follow and Guide

Here is the newest invention in Lawn Mowers. No more "pushing" on hot days—just follow and guide the new

BOB-A-LAWN
The Pushless Lawn Mower

Operated and propelled by 1 H. P. gasoline motor. Easy pull on starting cord and engine starts. Pull up on clutch control and mower starts. To stop, push down clutch control. Handy lever on handle controls everything. Any one can operate it. Cuts on hill or terrace; heavy or light grass. Circular free. **Power Units, Inc.,** 762 Jackson Street, Jackson, Michigan, east of Mississippi River; **Cushman Motor Works,** 1003 N. 21st Street, Lincoln, Nebraska, west of Mississippi.

THE GARDENER'S SCRAP BOOK

out the plants' vital juices by means of specially constructed mouths. The first group is best typified by the caterpillars with their clipping jaws, and the second by the aphids or plant lice. The chewers are controlled by various poisons which can be applied to the exterior of the foliage and taken into the insects' stomachs along with the scraps of plant tissue which they bite off and swallow. Since their method of feeding makes the suckers immune to such control, it becomes necessary to apply directly to their bodies some noxious preparation which will kill them by direct contact without injuring the plants.

WHAT TO USE

THE old reliable stomach poison for chewing pests is arsenate of lead applied as a liquid spray. Where there is likelihood of any plant fungous disease being present, the lead may be mixed with Bordeaux Mixture (an excellent germicide), thereby killing two figurative birds with a single stone. The stores which sell garden supplies can furnish this double-purpose preparation along with full directions for mixing it with water to make it ready for use. It is well to keep a small box of the powder on hand, ready for adding water and applying at any time. The first sign of marauders among the plants should be the signal for attack.

During the season of plant growth, a solution of nicotine is an excellent remedy for the aphids and similar pests of the sucking type. These beasts, for the most part, are soft-bodied, and many of them breathe through minute pores. The action of the nicotine mixture is to burn their unprotected exterior and suspend breathing operations. It is strong stuff as the supply-man sells it to you—tobacco essence, really—and will need a lot of dilution with water. A small bottle will go a long way if you follow the directions printed on the label.

(Continued on page 178)

GUARD YOUR ROSES from Mildew and Black Spot

FUNGTOGEN acts like magic on mildewed roses and other flowers. Spray a thin, invisible film of Fungtrogen on diseased plants and almost overnight Mildew or Black Spot is under control. Easy to apply. By its use amateurs get professional results, larger blooms, sturdier plants. No discoloration.

Fungtrogen is highly concentrated, but easily soluble in water. Sprays perfectly without clogging nozzles. Prepaid, half-pint \$1; pint \$1.50. Dilute 60 times. Ask your dealer or send check.

Write for free bulletin, "Black Spot Control."

ROSE MANUFACTURING COMPANY
3637 Filbert Street Philadelphia, Pa.

Makers of companion sprays. Aphistrogen: for plant lice; Insectogen: for leaf chewing insects.



FUNGTOGEN
contains the nitrogenous product Hortogen—stimulates growth. Endorsed by leading rosarians.

Scott's Creeping Bent for Perfect Lawns!

Sod in six weeks! A rich, velvety stretch of lawn that chokes out weeds before they can grow! A deep, thick, uniform turf that makes your home a beauty spot! That's what you'll get if you plant Scott's Creeping Bent.

The New Super-Lawn

Creeping Bent—long recognized as the ideal grass for golf putting greens—is now producing Super Lawns. Instead of sowing seed, you plant stolons or the chopped grass—and in a few weeks you have a luxuriant lawn like the deep green pile of a Turkish carpet!

O. M. SCOTT & SONS CO.

556 Main Street

MARYSVILLE, OHIO



This little book "Bent Lawns" is free to you. It is a valuable treatise on how you can have beautiful lawns. Write today for your copy.



For Those Who Love Their Flowers!

IT IS so easy to keep your flowers, plants, shrubs and vegetables free from all of the various injurious sucking and chewing pests, if you will spray them with *Wilson's O. K. Plant Spray*.

Wilson's O. K. Plant Spray is the famous insecticide which has been used for more than 20 years by prominent horticulturists, florists and superintendents of large estates all over the country. Powerful, yet harmless and clean. Ideal for use outdoors or under glass, in both large and small homes. Recommended by the Officers of the Garden Club of America. Our spray calendar, which gives you the correct time to spray your different plants, is free for the asking. Write for it.

1 Quart \$1.00 1 Gallon \$3.00
5 Gallons \$12.00 10 Gallons \$20.00

WILSON'S WEED KILLER

Don't hoe . . . just sprinkle with *Wilson's Weed Killer*. Kills all weeds, vines, poison ivy, etc. One good application a year is sufficient. Inexpensive, easy to apply—one gallon makes 41 gallons when diluted with water. Folder mailed on request.

1 Gallon \$2.00 5 Gallons \$8.00
Prices on larger quantities on request

These nationally known Andrew Wilson products are sold at seed, flower, and hardware stores everywhere. If not obtainable at your dealer, write us, or use the attached coupon.

Andrew Wilson
DEPT. H
SPRINGFIELD NEW JERSEY

Trade Mark Reg.



U.S. Pat. Off.

ANDREW WILSON, Inc.
Dept. H.
Springfield, N. J.

Enclosed please find.....
You may send me the following:

.....Wilson's O.K. Plant Spray
.....Wilson's Weed Killer

Name

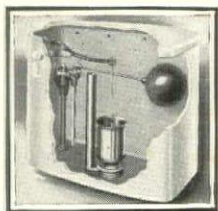
Street

City State



The architect says:

"In the bathrooms you desire privacy, economy, and freedom from leaking valves. I have, accordingly, specified Curtin Noiseless Tank Fittings in every toilet.



I know that these fittings will render the unusual in bathroom privacy."

A. F. CURTIN VALVE CO.
Medford, Mass.

CURTIN
TANK NOISELESS FITTINGS



JUNE is the time!

Now is the time to safeguard your water supply. Be ready to meet summer's water demands.

A Hoosier Water Service will give you running water under pressure when you need it most and will save your lawns and gardens from disaster of drouth. It will provide an ample water supply for every home purpose—at a much lower cost than city water service.

Takes water from any source of supply and uses any power. The long-life GALVAZINK protection inside and out means many years of uninterrupted service. Sold by good merchants everywhere.

FLINT & WALLING MFG CO.
60 Oak St. KENDALLVILLE, IND.

Get this FREE Book!

There is a Hoosier Service to fit your individual needs. This free book, "How To Have Running Water," will show you how to select it. Write today—no obligation.




THE GARDENER'S SCRAP BOOK

DEVICES FOR APPLYING POISONS

IN the actual application of liquid poisons or fungicides it is important, first of all, to cover the objective completely, whether it be the stems and foliage of the plants or the bodies of the enemies which are attacking them. This objective is best attained by reducing the liquid to a fine, mist-like spray which can be directed exactly where you want it. No watering-can which was ever devised can do this. It is necessary to provide a special spraying device of some sort.

Where there are only a very few plants to be protected a hand-operated syringe type of sprayer will do the work adequately, besides being inexpensive. The type with a cylindrical reservoir over the top of which a jet of air passes under pressure is the best. A dollar or two buys one of these, and it is capable of really effective work.

In a real garden, though—even one of decidedly moderate size—a compressed air sprayer is the kind to have. This consists of a heavy metal cylinder so made that its liquid contents are put under substantial air pressure by means of an attached pump and are thereby forced out through a short spray hose controlled by a "trigger" operated by one hand. A few strokes of the pump raise enough pressure to last for several minutes' spraying. Perfect control and uniform distribution of the liquid are prominent advantages of these sprayers, and another point is the range of the device. By means of high pressure and extension nozzles it is possible to cover thoroughly a tree as tall as a standard Apple. When you consider that the outfit can be easily carried by a shoulder sling, that with proper care it will last for years and handle all kinds of liquid remedies, and that its initial cost is only from \$7 to \$10 or so depending upon the size and material of its cylinder, you begin to realize what a good investment it is.



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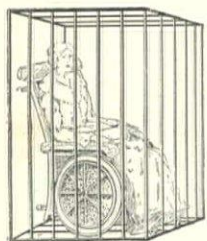


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The under as well as the upper side of the foliage should be covered, and in the case of trees and shrubs it is well to make a complete circle so as to be sure no branch is overlooked. No more need be applied than will thoroughly coat all surfaces, for it is not necessary to try and drown the enemy.

In the case of sucking insects it is a wise plan to examine the plants again a week or ten days after spraying, because by that time a new generation may have hatched out from eggs that were unharmed by the first treatment. In fact, periodical inspection throughout the spring and early summer is an excellent idea, for there is a great advantage in routing insect enemies before they have had a chance to do much damage.

CONCERNING PLANT DISEASES

AS far as methods of application are concerned, the foregoing suggestions for insect spraying should be carried out in the control of such plant diseases as affect the above-ground growth. The commonest of these in the garden are mildew and certain forms of blight and spot. As a general standard control is the Bordeaux mixture mentioned on page 177. It can be depended upon in most cases of this sort of trouble. Where the disease does not yield to it, resource must be had to special remedies described in the good books on spraying.

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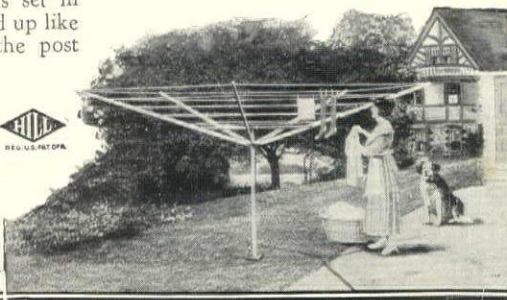
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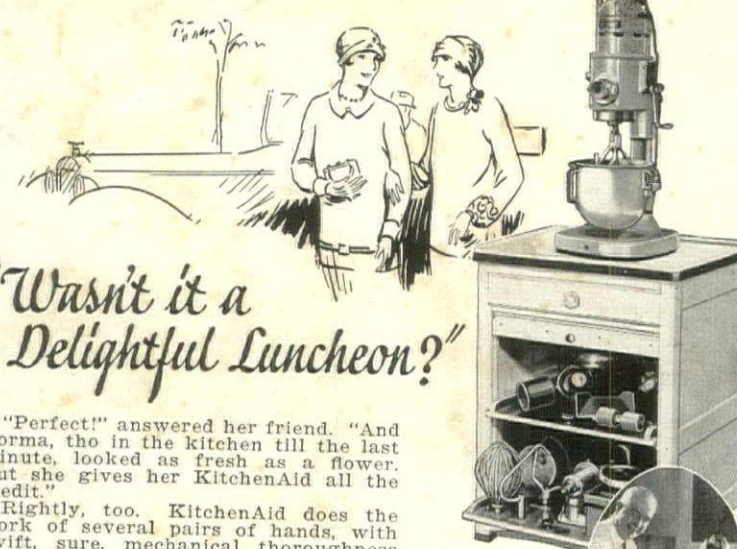
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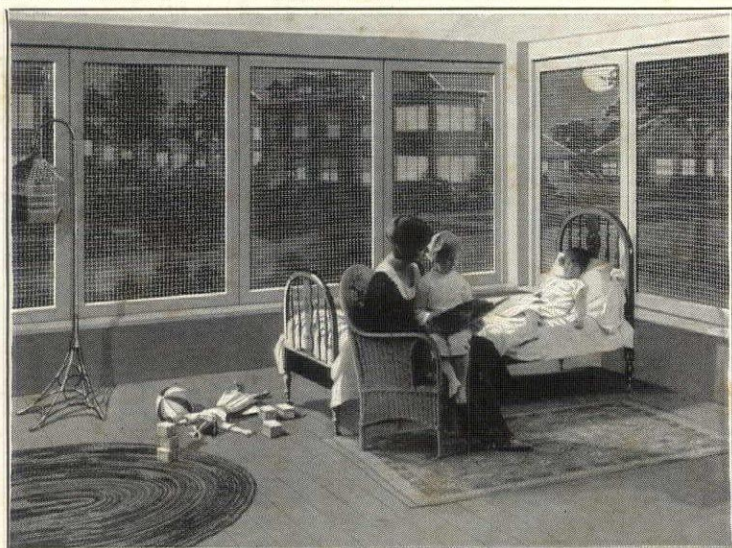
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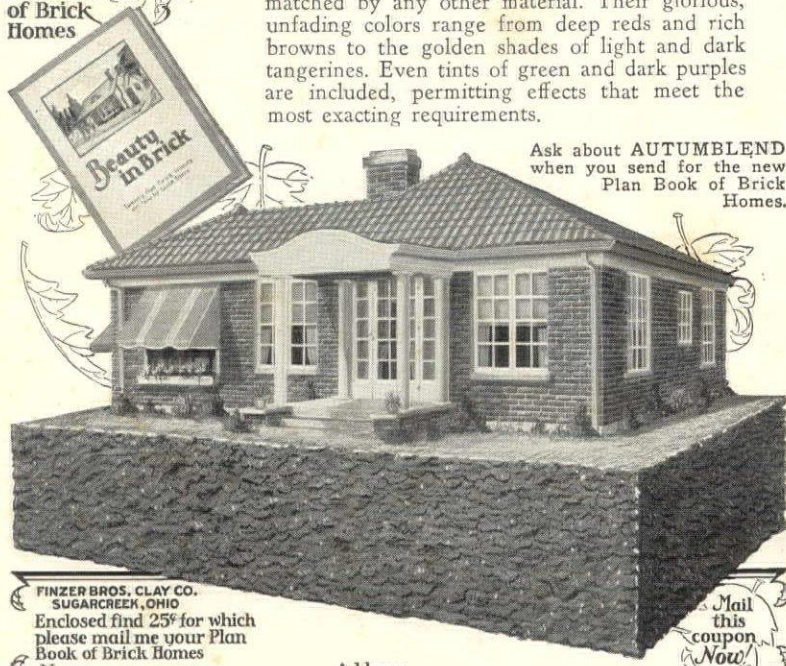
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You are also naturally interested in knowing about all quality products—be they building materials, automobiles, radios or perfumes. You will find in the advertising pages of *House & Garden* almost every type of product on the market—provided it is a quality product.

We would not be living up to our full usefulness unless we helped you find these things, many of which are advertised in the magazine. So, for your convenience, this classified list of quality products in this issue of *House & Garden* is presented. It will assist you in making the best selection.

In justice to yourself look over the advertising here before deciding and write to the advertisers for their suggestions. You will find them very happy to be of assistance—and when you have made your choice you will be confident that you have not left many good things uninvestigated.

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Philomela,
goddess of
poetry, posed
against a vine-
clad wall

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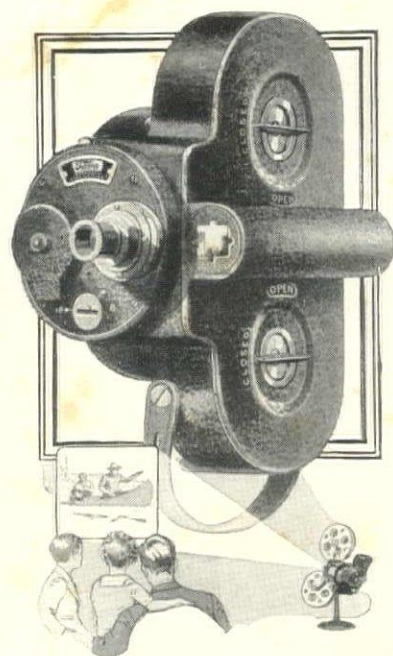
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